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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

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Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1.	**Transmittal Fee** (Rule 14)	**$300**
2.	**International Filing Fee**	**$1708***
	For each additional sheet over 30	**$19**
3.	**International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1.	**Taxe de transmission** (Règle 14)	**300 $**
2.	**Taxe de dépôt internationale**	**1708 $***
	Pour chaque feuille au delà de 30	**19 $**
3.	**Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) **$257**

6. **Preliminary examination fee** (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*)) **257 $**

6. **Taxe d'examen préliminaire** (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of June 19, 2018 contains applications open to public inspection from June 3, 2018 to June 9, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 19 juin 2018 contient les demandes disponibles au public pour consultation pour la période du 3 juin 2018 au 9 juin 2018.

Canadian Patents Issued

June 19, 2018

Brevets canadiens délivrés

19 juin 2018

[11] **2,489,940**
[13] C
[51] **Int.Cl. C12N 15/62 (2006.01) A61K 39/00 (2006.01) A61K 39/02 (2006.01) A61K 39/108 (2006.01) A61K 39/112 (2006.01) A61K 39/21 (2006.01) A61K 39/395 (2006.01) C07K 14/155 (2006.01) C07K 14/195 (2006.01) C07K 14/245 (2006.01) C07K 14/40 (2006.01) C07K 14/47 (2006.01) C07K 14/575 (2006.01) C07K 14/72 (2006.01) C07K 16/28 (2006.01) C07K 19/00 (2006.01) C12N 15/13 (2006.01) C12N 15/31 (2006.01)**
[25] EN
[54] **RELAY VACCINE**
[54] **VACCIN INTERMEDIAIRE**
[72] MCKENZIE, BRENT STEVEN, AU
[72] BOYLE, JEFFEREY STEPHEN, AU
[72] LEW, ANDREW MARK, AU
[73] THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH, AU
[86] (2489940)
[87] (2489940)
[22] 2004-12-08

[11] **2,546,151**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD, SYSTEM AND COMPUTER PROGRAM FOR PROVIDING A LOYALTY ENGINE FOR DYNAMIC ADMINISTRATION OF CHARITY DONATIONS**
[54] **METHODE, SYSTEME ET PROGRAMME D'ORDINATEUR FOURNISSANT UN MOTEUR DE FIDELISATION POUR L'ADMINISTRATION DYNAMIQUE DES DONS DE BIENFAISANCE**
[72] TIETZEN, TERRANCE PATRICK, CA
[72] ARCHINUK, MARK MARCEL, CA
[72] MACKAY, RONALD JAMES, CA
[72] YAMAMOTO, TIMOTHY MAKOTO, CA
[73] EDATANETWORKS INC., CA
[86] (2546151)
[87] (2546151)
[22] 2006-05-09

[11] **2,561,580**
[13] C
[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 3/14 (2006.01) G06F 17/30 (2006.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **DISPLAYING CONVERSATIONS IN A CONVERSATION-BASED EMAIL SYSTEM**
[54] **AFFICHAGE DE CONVERSATIONS DANS UN SYSTEME DE COURRIER ELECTRONIQUE BASE SUR LA CONVERSATION**
[72] BUCHHEIT, PAUL T., US
[72] CHANG, BAY-WEI, US
[72] LIM, JING, YEE, US
[72] RAKOWSKI, BRIAN D., US
[72] SINGH, SANJEEV, US
[72] WINOGRAD, TERRY, A., US
[73] GOOGLE LLC, US
[85] 2006-09-28
[86] 2005-03-25 (PCT/US2005/010137)
[87] (WO2005/098701)
[30] US (10/816,428) 2004-03-31
[30] US (10/914,035) 2004-08-06

[11] **2,611,809**
[13] C
[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/0735 (2010.01)**
[25] EN
[54] **DIFFERENTIATION OF PRIMATE PLURIPOTENT STEM CELLS TO CARDIOMYOCYTE-LINEAGE CELLS**
[54] **DIFFERENCIATION DE CELLULES SOUCHES PLURIPOTENTES EN CELLULES A LIGNAGE CARDIOMYOCYTE**
[72] GOLD, JOSEPH D., US
[72] HASSANIPOUR, MOHAMMAD, US
[73] ASTERIAS BIOTHERAPEUTICS, INC., US
[85] 2007-12-11
[86] 2006-06-20 (PCT/US2006/024060)
[87] (WO2007/002136)
[30] US (60/693,141) 2005-06-22

[11] **2,613,087**
[13] C
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/14 (2018.01) C12Q 1/6895 (2018.01) A01H 1/00 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) C12N 5/04 (2006.01) C12N 15/54 (2006.01) C12N 15/82 (2006.01) C12N 9/88 (2006.01) C12N 15/60 (2006.01)**
[25] EN
[54] **HERBICIDE-RESISTANT SUNFLOWER PLANTS, POLYNUCLEOTIDES ENCODING HERBICIDE-RESISTANT ACETOHYDROXYACID SYNTHASE LARGE SUBUNIT PROTEINS, AND METHODS OF USE**
[54] **PLANTS DE TOURNESOL RESISTANT AUX HERBICIDES, POLYNUCLEOTIDES CODANT POUR DES PROTEINES A LARGE SOUS-UNITE D'ACETOHYDROXY ACIDE SYNTHASE RESISTANT AUX HERBICIDES, ET METHODES D'UTILISATION**
[72] SALA, CARLOS ALBERTO, AR
[72] ECHARTE, ADRIANA MARIEL, AR
[72] BULOS, MARIANO, AR
[72] WHITT, SHERRY R., US
[72] ASCENZI, ROBERT, US
[73] BASF SE, DE
[73] NIDERA S.A., BR
[85] 2007-12-20
[86] 2006-06-29 (PCT/US2006/025534)
[87] (WO2007/005581)
[30] US (60/695,952) 2005-07-01

[11] **2,617,844**
[13] C
[51] **Int.Cl. A61B 1/00 (2006.01)**
[25] EN
[54] **ENDOLUMINAL TREATMENT METHOD AND ASSOCIATED SURGICAL ASSEMBLY INCLUDING TISSUE OCCLUSION DEVICE**
[54] **PROCEDE DE TRAITEMENT ENDOLUMINAL ET ENSEMBLE CHIRURGICAL ASSOCIE COMPRENANT UN DISPOSITIF D'OCCLUSION TISSULAIRE**
[72] PISKUN, GREGORY, US
[73] COVIDIEN LP, US
[85] 2008-02-01
[86] 2006-08-04 (PCT/US2006/030464)
[87] (WO2007/019321)
[30] US (11/197,965) 2005-08-05

[11] **2,618,249**
[13] C
[51] **Int.Cl. A61B 5/055 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMPUTER AIDED SEPTAL DEFECT DIAGNOSIS AND SURGERY FRAMEWORK**
[54] **SYSTEME ET METHODE DE DIAGNOSTIC DE MALFORMATION SEPTALE ET DE DEMARCHE CHIRURGICALE ASSISTES PAR ORDINATEUR**
[72] LI, SHUO, CA
[72] GILL, SUKHDEEP SINGH, CA
[72] MAHESH, PRAKASH, US
[72] ROEDER, DAVE, CA
[73] GENERAL ELECTRIC COMPANY, US
[86] (2618249)
[87] (2618249)
[22] 2008-01-03
[30] US (11/622,272) 2007-01-11

[11] **2,634,220**
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **CONTACT LIST DISPLAY SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE APPLICABLES A L'AFFICHAGE D'UNE LISTE DE CONTACTS**
[72] TAYLOR, PAULO, NL
[72] RUEB, JAN-JOOST, NL
[72] BAKKER, ONNO, NL
[73] EBUDDY HOLDING B.V., NL
[85] 2008-06-06
[86] 2006-12-11 (PCT/IB2006/004264)
[87] (WO2008/072030)
[30] US (60/748,988) 2005-12-09

[11] **2,641,388**
[13] C
[51] **Int.Cl. A61K 31/675 (2006.01) A61K 31/506 (2006.01) A61K 31/513 (2006.01) A61K 31/52 (2006.01) A61K 31/522 (2006.01) A61K 31/7072 (2006.01) A61K 31/7076 (2006.01) A61K 31/708 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **INHIBITION OF HIV INFECTION THROUGH CHEMOPROPHYLAXIS**
[54] **INHIBITION DE L'INFECTION PAR LE VIH PAR CHIMIOPROPHYLAXIE**
[72] HENEINE, WALID, US
[72] FOLKS, THOMAS, US
[72] JANSSEN, ROBERT, US
[72] OTTEN, RONALD, US
[72] GARCIA-LERMA, J. GERARDO, US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION, US
[85] 2008-08-01
[86] 2007-02-01 (PCT/US2007/002926)
[87] (WO2007/092326)
[30] US (60/764,811) 2006-02-03
[30] US (11/669,547) 2007-01-31

[11] **2,642,331**
[13] C
[51] **Int.Cl. C12Q 1/6809 (2018.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **DNA CONFORMATION (LOOP STRUCTURES) IN ABNORMAL GENE EXPRESSION IN CANCER**
[54] **CONFORMATION D'ADN (STRUCTURES DE BOUCLES) LIEE A L'EXPRESSION GENIQUE ANORMALE DANS UN CANCER**
[72] AKOULITCHEV, ALEXANDRE, GB
[72] RAMADASS, AROUL SELVAM, GB
[72] NIKITENKO, LEONID LEONIDOVICH, GB
[73] OXFORD UNIVERSITY INNOVATION LIMITED, GB
[85] 2008-08-12
[86] 2007-02-19 (PCT/GB2007/000564)
[87] (WO2007/093819)
[30] GB (0603251.0) 2006-02-17

[11] **2,644,700**
[13] C
[51] **Int.Cl. A01H 1/04 (2006.01) A01C 1/00 (2006.01) A01H 1/08 (2006.01)**
[25] EN
[54] **METHODS OF SEED BREEDING USING HIGH THROUGHPUT NONDESTRUCTIVE SEED SAMPLING**
[54] **METHODE DE SELECTION DE SEMENCES PAR ECHANTILLONNAGE DE SEMENCES NON DESTRUCTEUR A RENDEMENT ELEVE**
[72] FORBES, HEATHER, US
[72] DEPPERMANN, KEVIN L., US
[72] DOTSON, STANTON, US
[72] SCHNICKER, BRUCE, US
[72] BUTRUILLE, DAVID, US
[72] EATHINGTON, SAM, US
[72] TAMULONIS, JOHN, US
[72] PETERSEN, MICHAEL W., US
[73] MONSANTO TECHNOLOGY LLC, US
[85] 2008-08-29
[86] 2007-03-02 (PCT/US2007/063176)
[87] (WO2007/103786)
[30] US (60/778,828) 2006-03-02
[30] US (11/680,611) 2007-02-28

[11] **2,658,550**
[13] C
[51] **Int.Cl. C12N 9/12 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **MEANS FOR INHIBITING THE EXPRESSION OF PROTEIN KINASE 3**
[54] **MOYEN DESTINE A INHIBER L'EXPRESSION DE LA PROTEINE KINASE 3**
[72] KAUFMANN, JOERG, DE
[72] KEIL, OLIVER, DE
[72] SANTEL, ANSGAR, DE
[73] SILENCE THERAPEUTICS GMBH, DE
[85] 2009-01-20
[86] 2007-07-20 (PCT/EP2007/006492)
[87] (WO2008/009477)
[30] EP (06015262.6) 2006-07-21

[11] **2,660,513**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/00 (2006.01) C12N 15/09 (2006.01) C12N 15/63 (2006.01) C12P 3/00 (2006.01) C12P 21/02 (2006.01) C12N 1/12 (2006.01)**
[25] EN
[54] **METHODS AND CELLS FOR THE EXPRESSION OF PROTEINS IN PLASTID**
[54] **METHODES ET CELLULES SERVANT A L'EXPRESSION DES PROTEINES DANS UN PLASTIDE**
[72] WAGNER, RICHARD E., US
[72] SURZYCKI, RAYMOND, US
[72] ROCHAIX, JEAN-DAVID, CH
[73] UNIVERSITY OF GENEVA, CH
[73] SOLARVEST BIOENERGY INC., CA
[85] 2009-02-10
[86] 2007-08-11 (PCT/US2007/017774)
[87] (WO2008/021223)
[30] US (60/837,001) 2006-08-11

[11] **2,662,012**
[13] C
[51] **Int.Cl. C12N 15/12 (2006.01) G06F 19/28 (2011.01) A61K 31/713 (2006.01) A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/47 (2006.01) C07K 16/18 (2006.01) C40B 40/06 (2006.01) C40B 40/10 (2006.01) G01N 33/53 (2006.01) G01N 33/564 (2006.01) G01N 33/574 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **BORIS ISOFORMS AND METHODS OF DETECTING AND TREATING DISEASE**
[54] **ISOFORMES ET PROCEDES DE DETECTION DE BORIS ET TRAITEMENT DE MALADIE**
[72] LOBANENKOV, VICTOR V., US
[72] PUGACHEVA, ELENA, US
[72] LOUKINOV, DMITRI, US
[73] GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2009-02-25
[86] 2007-08-30 (PCT/US2007/077281)
[87] (WO2008/028066)
[30] US (60/841,342) 2006-08-31

[11] **2,664,768**
[13] C
[51] **Int.Cl. A61M 31/00 (2006.01) A61F 2/91 (2013.01) A61B 17/064 (2006.01) A61B 17/11 (2006.01) A61L 31/16 (2006.01) A61L 31/14 (2006.01)**
[25] EN
[54] **EXTRACTION OF SOLVENTS FROM DRUG CONTAINING POLYMER RESERVOIRS**
[54] **EXTRACTION DES SOLVENTS D'UN MEDICAMENT CONTENANT DES RESERVOIRS A POLYMERES**
[72] DAVE, VIPUL, US
[72] FALOTICO, ROBERT, US
[72] ZHAO, JONATHON Z., US
[73] CARDINAL HEALTH SWITZERLAND 515 GMBH, CH
[86] (2664768)
[87] (2664768)
[22] 2009-04-28
[30] US (12/122,995) 2008-05-19

[11] **2,666,458**
[13] C
[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTIBODY MOLECULES WHICH BIND IL-17A AND IL-17F**
[54] **MOLECULES D'ANTICORPS QUI SE LIENT A IL-17A ET A IL-17F**
[72] ADAMS, RALPH, GB
[72] POPPLEWELL, ANDREW GEORGE, GB
[72] RAPECKI, STEPHEN EDWARD, GB
[73] UCB BIOPHARMA SPRL, BE
[85] 2009-04-15
[86] 2007-10-18 (PCT/GB2007/003983)
[87] (WO2008/047134)
[30] GB (0620729.4) 2006-10-18

[11] **2,681,899**
[13] C
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS FOR DIAGNOSIS OF PANCREATIC ADENOCARCINOMA, AND BIOMARKERS AND ARRAYS FOR USE IN THE SAME**
[54] **METHODES DE DIAGNOSTICS D'ADENOCARCINOMES PANCREATIQUES, ET BIOMARQUEURS ET JEUX D'ECHANTILLONS DESTINES A LEUR UTILISATION**
[72] BORREBAECK, CARL ARNE KRISTER, SE
[72] WINGREN, LARS BERTIL CHRISTER, SE
[73] IMMUNOVIA AB, SE
[85] 2009-09-25
[86] 2008-03-25 (PCT/GB2008/001090)
[87] (WO2008/117067)
[30] GB (0705876.1) 2007-03-27
[30] GB (0712181.7) 2007-06-25

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[11] **2,686,660**
[13] C
[51] **Int.Cl. F15B 19/00 (2006.01) E21B 19/16 (2006.01) F15B 21/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING THE EFFICIENCY AND HEALTH OF A HYDRAULICALLY DRIVEN SYSTEM**
[54] **METHODE ET SYSTEME DE CONTROLE DE L'EFFICACITE ET DU BON ETAT D'UN SYSTEME HYDRAULIQUE**
[72] CONQUERGOOD, STEVE, CA
[72] LORD, DAVID, US
[73] KEY ENERGY SERVICES, INC., US
[86] (2686660)
[87] (2686660)
[22] 2009-11-27
[30] US (61/118,493) 2008-11-28

---

[11] **2,688,246**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 9/22 (2006.01)**
[25] EN
[54] **METHOD OF EXCISING A NUCLEIC ACID SEQUENCE FROM A PLANT GENOME**
[54] **PROCEDE D'EXCISION D'UNE SEQUENCE D'ACIDE NUCLEIQUE PROVENANT DU GENOME D'UN VEGETAL**
[72] SONG, HEE-SOOK, US
[72] LAI, FANG-MING, US
[72] ROCHE, CHRISTINA E., US
[72] BROWN, JEFFREY A., US
[73] BASF PLANT SCIENCE GMBH, DE
[85] 2009-11-23
[86] 2008-05-30 (PCT/EP2008/056691)
[87] (WO2008/145731)
[30] US (60/941,227) 2007-05-31

---

[11] **2,691,320**
[13] C
[51] **Int.Cl. G06T 17/00 (2006.01) G06T 15/00 (2011.01)**
[25] EN
[54] **DISPLAY OF A THREE-DIMENSIONAL VIRTUAL SPACE GENERATED BY AN ELECTRONIC SIMULATION SYSTEM**
[54] **AFFICHAGE D'UN ESPACE VIRTUEL TRIDIMENSIONNEL GENERE PAR UN SYSTEME DE SIMULATION ELECTRONIQUE**
[72] BARBINA, MARCO, IT
[72] ROSIN, PIERPAOLO, IT
[73] SELEX GALILEO S.P.A., IT
[86] (2691320)
[87] (2691320)
[22] 2010-01-29
[30] IT (TO2009A000058) 2009-01-30

---

[11] **2,694,412**
[13] C
[51] **Int.Cl. A61B 5/15 (2006.01) G01N 33/487 (2006.01) G01N 1/02 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **BODILY FLUID SAMPLING DEVICE AND TEST MEDIA CASSETTE TO BE USED WITH SUCH A DEVICE**
[54] **DISPOSITIF DE PRELEVEMENT DE LIQUIDE CORPOREL ET CASSETTE A SUPPORT D'ESSAI DESTINEE A ETRE UTILISEE AVEC LEDIT DISPOSITIF**
[72] ROE, JEFFREY N., US
[72] ROE, STEVEN N., US
[73] F. HOFFMANN-LA ROCHE AG, CH
[86] (2694412)
[87] (2694412)
[22] 2002-06-07
[62] 2,450,104
[30] US (60/296,989) 2001-06-08

---

[11] **2,702,001**
[13] C
[51] **Int.Cl. A61F 13/472 (2006.01) A61F 13/537 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE INCLUDING A PLURALITY OF LONGITUDINALLY EXTENDING CHANNELS**
[54] **PARTICULES ABSORBANTES, Y COMPRIS PLUSIEURS CANAUX A PROLONGEMENT LONGITUDINAL**
[72] BRUZADIN, FERNANDA, BR
[72] HERNANDEZ, FRANCISCO J. V., BR
[72] PAQUES, FERNANDA WIERMANN, BR
[73] EDGEWELL PERSONAL CARE CANADA, ULC, CA
[86] (2702001)
[87] (2702001)
[22] 2010-04-28
[30] US (12/431,793) 2009-04-29

[11] **2,703,804**
[13] C
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 5/00 (2006.01)**
[25] EN
[54] **MASS SPECTROMETRY ASSAY FOR EIF4E AND EIF4E REGULON ACTIVITY**
[54] **ANALYSE PAR SPECTROMETRIE DE MASSE DE L'ACTIVITE DU EIF4E ET DU REGULON EIF4E**
[72] JAMIESON, GORDON A., JR., US
[73] TRANSLATIONAL THERAPEUTICS, INC., US
[85] 2010-04-26
[86] 2008-11-06 (PCT/US2008/082611)
[87] (WO2009/061904)
[30] US (60/985,787) 2007-11-06

---

[11] **2,707,104**
[13] C
[51] **Int.Cl. G08G 5/06 (2006.01) G06T 3/00 (2006.01) G06T 5/40 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **AIRPORT TARGET TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI DE CIBLE D'AEROPORT**
[72] MELOCHE, JEAN-SEBASTIEN, CA
[72] SAURIOL, ALEXANDER, CA
[72] CHEIKH, MOODIE, CA
[73] SEARIDGE TECHNOLOGIES INC., CA
[85] 2010-05-28
[86] 2008-12-01 (PCT/CA2008/002104)
[87] (WO2009/067819)
[30] US (60/991,423) 2007-11-30

---

[11] **2,709,338**
[13] C
[51] **Int.Cl. B61L 15/00 (2006.01) G01D 18/00 (2006.01) G01P 21/02 (2006.01) G09G 5/00 (2006.01)**
[25] FR
[54] **DEVICE FOR VERIFYING THE INTEGRITY OF A DISPLAYED DATA ITEM AND RELATED METHOD**
[54] **DISPOSITIF DE VERIFICATION DE L'INTEGRITE D'UNE DONNEE AFFICHEE ET PROCEDE ASSOCIE**
[72] FIFIS, JACQUES, FR
[72] EUVRARD, CHRISTIAN LOUIS GEORGES HENRI, FR
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
[86] (2709338)
[87] (2709338)
[22] 2010-07-16
[30] FR (0955071) 2009-07-21

---

[11] **2,709,904**
[13] C
[51] **Int.Cl. B32B 27/20 (2006.01) B29C 55/00 (2006.01)**
[25] FR
[54] **SECURITY SHEET HAVING A COEXTRUDED SUBSTRATE**
[54] **FEUILLE DE SECURITE COMPORTANT UN SUPPORT COEXTRUDE**
[72] DIETEMANN, PHILIPPE, FR
[73] ARJOWIGGINS SECURITY, FR
[85] 2010-06-16
[86] 2008-12-19 (PCT/FR2008/052388)
[87] (WO2009/083690)
[30] FR (0760449) 2007-12-28

---

[11] **2,710,145**
[13] C
[51] **Int.Cl. G01N 33/566 (2006.01) C07K 14/72 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **SCREENING OF CONFORMATION SPECIFIC BINDING PARTNERS OF GPCRS**
[54] **DEPISTAGE DE CONFORMATION DE PARTENAIRES DE LIAISON SPECIFIQUE DE GPCR**
[72] WEIR, MALCOLM PETER, GB
[72] MARSHALL, FIONA HAMILTON, GB
[73] HEPTARES THERAPEUTICS LIMITED, GB
[85] 2010-06-18
[86] 2008-12-19 (PCT/GB2008/004223)
[87] (WO2009/081136)
[30] GB (0724860.2) 2007-12-20

---

[11] **2,711,253**
[13] C
[51] **Int.Cl. A61B 8/00 (2006.01)**
[25] EN
[54] **A TRANSFORMER BOARD**
[54] **CARTE DE TRANSFORMATEUR**
[72] ALLEN, CHARLES ROBERT, US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2010-06-30
[86] 2008-12-16 (PCT/US2008/087010)
[87] (WO2009/088670)
[30] US (11/971,010) 2008-01-08

---

[11] **2,711,827**
[13] C
[51] **Int.Cl. A61B 18/12 (2006.01)**
[25] EN
[54] **DIRECTIVE WINDOW ABLATION ANTENNA WITH DIELECTRIC LOADING**
[54] **ANTENNE D'ABLATION A FENETRE DIRIGEE A CHARGE DIELECTRIQUE**
[72] BRANNAN, JOSEPH D., US
[73] COVIDIEN LP, US
[86] (2711827)
[87] (2711827)
[22] 2010-08-04
[30] US (12/535,856) 2009-08-05

[11] **2,712,852**
[13] C
[51] **Int.Cl. A23P 30/40 (2016.01) B01F 3/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING AERATED FOOD PRODUCT AND PRODUCT OBTAINABLE THEREBY**
[54] **METHODE ET APPAREILLAGE DE PREPARATION DE PRODUIT ALIMENTAIRE AERE, ET PRODUIT RESULTANT**
[72] ABYLOV, MELIS, DE
[72] KLAUS, TADEUSZ, PL
[72] MACURA, SZYMON, PL
[72] PEARSON, STEPHEN, DE
[72] SIMONSON, JULIE, US
[73] KRAFT FOODS R & D, INC., US
[86] (2712852)
[87] (2712852)
[22] 2010-08-10
[30] EP (09168923.2) 2009-08-28

[11] **2,714,325**
[13] C
[51] **Int.Cl. F24F 6/02 (2006.01) F24F 11/70 (2018.01) F24F 13/10 (2006.01)**
[25] EN
[54] **BYPASS HUMIDIFIER WITH DAMPER CONTROL**
[54] **HUMIDIFICATEUR A DERIVATION AVEC REGULATION PAR REGISTRE**
[72] TERLSON, BRAD, US
[72] QUAM, DAVID, US
[72] GOH, CHRISTOPHER, US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2714325)
[87] (2714325)
[22] 2010-09-02
[30] US (12/565,716) 2009-09-23

[11] **2,714,387**
[13] C
[51] **Int.Cl. A61K 38/39 (2006.01) C12N 5/07 (2010.01) C12N 5/073 (2010.01) A61K 8/65 (2006.01) A61K 38/17 (2006.01) A61L 15/32 (2006.01) A61L 27/34 (2006.01) A61L 29/08 (2006.01) A61L 31/10 (2006.01) A61P 41/00 (2006.01) A61Q 7/00 (2006.01) A61Q 19/08 (2006.01) C12P 21/00 (2006.01) C12P 21/02 (2006.01) C07K 14/475 (2006.01) C07K 14/78 (2006.01)**
[25] EN
[54] **EXTRACELLULAR MATRIX COMPOSITIONS**
[54] **COMPOSITIONS DE MATRICE EXTRACELLULAIRES**
[72] NAUGHTON, GAIL K., US
[72] ZIEGLER, FRANK, US
[72] BAUMGARTNER, MARK, US
[72] NICKEY, KYLE, US
[73] HISTOGEN, INC., US
[85] 2010-07-29
[86] 2009-01-30 (PCT/US2009/032697)
[87] (WO2009/097559)
[30] US (61/024,854) 2008-01-30
[30] US (61/034,361) 2008-03-06
[30] US (61/050,940) 2008-05-06

[11] **2,715,135**
[13] C
[51] **Int.Cl. G01N 29/024 (2006.01) A01J 5/00 (2006.01) A01J 7/00 (2006.01) G01N 29/032 (2006.01) G01N 33/04 (2006.01) G01N 27/02 (2006.01) G01N 29/32 (2006.01) G01N 29/34 (2006.01) G01N 29/36 (2006.01)**
[25] EN
[54] **MILK PROPERTY MEASURING DEVICE**
[54] **APPAREIL DE MESURE DES PROPRIETES DU LAIT**
[72] VAN HALSEMA, FRANS EMO DIDERIK, NL
[73] LELY PATENT N.V., NL
[86] (2715135)
[87] (2715135)
[22] 2010-09-22
[30] NL (1037390) 2009-10-13

[11] **2,716,754**
[13] C
[51] **Int.Cl. A61K 8/72 (2006.01) A61K 8/81 (2006.01) A61K 8/84 (2006.01)**
[25] EN
[54] **FOAMING LOW-IRRITATION COMPOSITIONS COMPRISING A LOW DEGREE-OF-POLYMERIZATION SURFACTANT AND A MICELLAR THICKENER**
[54] **COMPOSITIONS MOUSSANTES PEU IRRITANTES RENFERMANT UN SURFACTANT A FAIBLE DEGRE DEPOLYMERISATION ET UN EPAISSISSANT MICELLAIRE**
[72] FEVOLA, MICHAEL J., US
[72] SUN, FRANK C., US
[73] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[86] (2716754)
[87] (2716754)
[22] 2010-10-06
[30] US (12/574,899) 2009-10-07

[11] **2,717,633**
[13] C
[51] **Int.Cl. F16B 47/00 (2006.01) B81C 99/00 (2010.01) A44B 18/00 (2006.01) B29C 33/38 (2006.01) B29C 39/00 (2006.01) F16B 11/00 (2006.01)**
[25] EN
[54] **BIOMIMETIC DRY ADHESIVES AND METHODS OF PRODUCTION THEREFOR**
[54] **ADHESIFS BIOMIMETIQUES SECS ET PROCEDES DE FABRICATION CONNEXES**
[72] MENON, CARLO, CA
[72] SAMEOTO, DANIEL ELLIOT, CA
[73] SIMON FRASER UNIVERSITY, CA
[86] (2717633)
[87] (2717633)
[22] 2010-10-14
[30] US (61/251,667) 2009-10-14
[30] US (61/292,835) 2010-01-06

[11] **2,722,002**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01)**
[25] EN
[54] **COMPOSITE LACRIMAL INSERT AND RELATED METHODS**
[54] **INSERT LACRYMAL COMPOSITE ET PROCEDES APPARENTES**
[72] SIM, SYLVIE, US
[72] JAIN, RACHNA, US
[72] FARINAS, KATHLEEN, US
[73] MATI THERAPEUTICS INC., US
[85] 2010-10-20
[86] 2009-04-29 (PCT/US2009/002611)
[87] (WO2009/134371)
[30] US (61/049,337) 2008-04-30

---

[11] **2,722,032**
[13] C
[51] **Int.Cl. H04W 84/18 (2009.01) G01V 1/22 (2006.01) G01V 1/26 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **WIRELESS DATA ACQUISITION NETWORK AND OPERATING METHODS**
[54] **RESEAU D'ACQUISITION DE DONNEES SANS FIL ET PROCEDES D'EXPLOITATION**
[72] MURIAS, RONALD GERALD, CA
[72] EL-HAMAMSY, SAYED-AMR, CA
[73] SRD INNOVATIONS INC., CA
[85] 2010-10-20
[86] 2009-04-20 (PCT/CA2009/000462)
[87] (WO2009/129602)
[30] US (12/107,719) 2008-04-22

---

[11] **2,723,402**
[13] C
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6851 (2018.01) A01K 67/033 (2006.01) C12Q 1/00 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHOD FOR CHARACTERISING THE BIOLOGICAL ACTIVITY OF HELMINTH EGGS, IN PARTICULAR TRICHURIS EGGS**
[54] **PROCEDE DE CARACTERISATION DE L'ACTIVITE BIOLOGIQUE D'OEUFS D'HELMINTHES, NOTAMMENT D'OEUFS DE TRICHURIS**
[72] TEWES, BERNHARD, DE
[72] WILHELM, RUDOLF, DE
[73] DR. FALK PHARMA GMBH, DE
[85] 2010-11-03
[86] 2009-05-20 (PCT/EP2009/056106)
[87] (WO2009/156232)
[30] EP (08009344.6) 2008-05-21

---

[11] **2,723,508**
[13] C
[51] **Int.Cl. H02G 3/16 (2006.01)**
[25] EN
[54] **TERMINAL BOX FOR SOLAR CELL MODULE**
[54] **BOITIER DE CONNEXION POUR CELLULE PHOTOVOLTAIQUE**
[72] YAMAZAKI, MASAKAZU, JP
[73] HOSIDEN CORPORATION, JP
[86] (2723508)
[87] (2723508)
[22] 2010-12-02
[30] JP (JP2009-275572) 2009-12-03

---

[11] **2,723,671**
[13] C
[51] **Int.Cl. C07K 5/02 (2006.01) A61P 35/00 (2006.01) C07K 5/06 (2006.01)**
[25] EN
[54] **TUBULYSINE DERIVATIVES**
[54] **DERIVES DE TUBULYSINE**
[72] RICHTER, WOLFGANG, DE
[73] R & D BIOPHARMACEUTICALS GMBH, DE
[85] 2010-11-05
[86] 2008-05-09 (PCT/EP2008/003762)
[87] (WO2008/138561)
[30] US (60/928,781) 2007-05-10

---

[11] **2,723,688**
[13] C
[51] **Int.Cl. A61K 31/554 (2006.01) A61K 31/56 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING NEUROCOGNITIVE DYSFUNCTION**
[54] **METHODE DE TRAITEMENT DE DYSFONCTION NEUROCOGNITIVE**
[72] SULLIVAN, GREGORY MARTIN, US
[73] TONIX PHARMA HOLDINGS LIMITED, BM
[85] 2010-11-05
[86] 2009-04-30 (PCT/US2009/042386)
[87] (WO2009/137334)
[30] US (12/151,200) 2008-05-05

---

[11] **2,724,663**
[13] C
[51] **Int.Cl. A61B 17/064 (2006.01)**
[25] EN
[54] **CODED HETEROFUNCTIONAL SUTURES AND METHODS**
[54] **SUTURES HETEROFONCTIONNELLES CODEES ET PROCEDES**
[72] GORALTCHOUK, ALEXEI, CA
[72] LUSCOMBE, BRIAN H., US
[72] D'AGOSTINO, WILLIAM L., US
[72] AVELAR, RUI, CA
[72] HERRMANN, ROBERT A., CA
[73] ETHICON, LLC, US
[85] 2010-11-16
[86] 2009-05-16 (PCT/US2009/044274)
[87] (WO2009/151876)
[30] US (61/053,912) 2008-05-16

[11] **2,724,717**
[13] C
[51] **Int.Cl. C07K 14/435 (2006.01) C07K 16/18 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **METHODS, DEVICES, KITS AND COMPOSITIONS FOR DETECTING ROUNDWORM**
[54] **METHODES, DISPOSITIFS, KITS ET COMPOSITIONS POUR DETECTER LE VER ROND**
[72] ELSEMORE, DAVID ALLEN, US
[72] FLYNN, LAURIE A., US
[72] GENG, JINMING, US
[72] CRAWFORD, MICHAEL, US
[73] IDEXX LABORATORIES, INC., US
[73] MONSANTO COMPANY, US
[85] 2010-11-17
[86] 2009-05-18 (PCT/US2009/044399)
[87] (WO2009/143080)
[30] US (61/128,099) 2008-05-19

---

[11] **2,725,224**
[13] C
[51] **Int.Cl. E04H 9/04 (2006.01)**
[25] EN
[54] **PROTECTIVE SHELTER**
[54] **ABRI DE PROTECTION**
[72] HESELDEN, JAMES, GB
[73] HESCO BASTION LIMITED, GB
[85] 2010-10-01
[86] 2009-10-23 (PCT/GB2009/051431)
[87] (WO2010/052484)
[30] GB (0820411.7) 2008-11-07

---

[11] **2,726,174**
[13] C
[51] **Int.Cl. A61F 13/64 (2006.01) A61F 13/49 (2006.01) A61F 13/62 (2006.01) A61L 15/22 (2006.01)**
[25] EN
[54] **INCONTINENCE PRODUCT**
[54] **PRODUIT POUR INCONTINENTS**
[72] SCHOENBECK, MARCUS, DE
[73] MONDI GRONAU GMBH, DE
[86] (2726174)
[87] (2726174)
[22] 2010-12-22
[30] EP (09 016 074.8) 2009-12-29

---

[11] **2,726,740**
[13] C
[51] **Int.Cl. G01W 1/08 (2006.01) G01N 21/15 (2006.01)**
[25] EN
[54] **PROBE TIPS FOR AIRBORNE INSTRUMENTS USED TO MEASURE CLOUD MICROPHYSICAL PARAMETERS**
[54] **POINTES DE SONDES POUR INSTRUMENTS AEROPORTES SERVANT A MESURER LES PARAMETRES MICROPHYSIQUES DES NUAGES**
[72] KOROLEV, ALEXEI, CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF ENVIRONMENT, CA
[86] (2726740)
[87] (2726740)
[22] 2010-12-31

---

[11] **2,729,141**
[13] C
[51] **Int.Cl. F25D 25/02 (2006.01)**
[25] EN
[54] **METHOD FOR SPILL CONTAINMENT AND SHELVES OR THE LIKE THEREFORE**
[54] **PROCEDE DE RETENUE D'UN LIQUIDE DEVERSE ET RAYONNAGES OU ANALOGUES ASSOCIES**
[72] DRIVER, JOHN PATRICK, US
[72] MCMILLIN, MATTHEW, US
[72] NALL, BRADLEY M., US
[73] SSW HOLDING COMPANY, INC., US
[85] 2010-12-22
[86] 2009-06-26 (PCT/US2009/048775)
[87] (WO2009/158567)
[30] US (61/133,273) 2008-06-27
[30] US (61/216,540) 2009-05-18

---

[11] **2,730,191**
[13] C
[51] **Int.Cl. G01N 33/96 (2006.01)**
[25] EN
[54] **STIMULATED CELL STANDARDS**
[54] **STANDARDS CELLULAIRES STIMULES**
[72] STEBBINGS, RICHARD JOHN, GB
[73] SECRETARY OF STATE FOR HEALTH, GB
[85] 2011-01-07
[86] 2009-07-09 (PCT/GB2009/050815)
[87] (WO2010/004336)
[30] GB (0812755.7) 2008-07-11
[30] GB (0812757.3) 2008-07-11

---

[11] **2,732,190**
[13] C
[51] **Int.Cl. C10M 143/12 (2006.01)**
[25] EN
[54] **LUBRICATING OIL COMPOSITIONS INCLUDING VISCOSITYINDEX IMPROVER ADDITIVE COMPONENTS**
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE COMPORTANT DES COMPOSANTS ADDITIFS AMELIORANT L'INDICE DE VISCOSITE**
[72] STRICKLAND, KEITH, GB
[72] MCTAVISH, STUART JAMES, GB
[73] INFINEUM INTERNATIONAL LIMITED, GB
[86] (2732190)
[87] (2732190)
[22] 2011-02-22
[30] EP (10154430.2) 2010-02-23

---

[11] **2,733,092**
[13] C
[51] **Int.Cl. G01N 3/16 (2006.01)**
[25] EN
[54] **MATERIAL SAMPLE FOR TESTING BIAXIAL STRESS CONDITIONS**
[54] **ECHANTILLON DE MATERIAU POUR L'ESSAI DE MATERIAUX SOUS CONTRAINTE BIAXIALE**
[72] PIRKER, KLAUS, CA
[73] MTU AERO ENGINES GMBH, DE
[85] 2011-02-04
[86] 2009-08-01 (PCT/DE2009/001093)
[87] (WO2010/017805)
[30] DE (10 2008 037 760.0) 2008-08-14

---

[11] **2,733,576**
[13] C
[51] **Int.Cl. B60P 3/30 (2006.01)**
[25] EN
[54] **TRUCK-MOUNTED MATERIAL SPREADER**
[54] **EPANDEUR DE MATERIAUX MONTE SUR CAMION**
[72] SANDLER, PHILIP, US
[73] SANDLER, PHILIP, US
[86] (2733576)
[87] (2733576)
[22] 2011-03-09
[30] US (61/312,206) 2010-03-09

[11] **2,733,650**
[13] C
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **COMPACTABLE INHALING DEVICE**
[54] **DISPOSITIF D'INHALATION COMPACTABLE**
[72] POREE, THIERRY, FR
[73] PROTECSOM, FR
[85] 2011-02-08
[86] 2009-08-10 (PCT/EP2009/060321)
[87] (WO2010/018146)
[30] FR (0855527) 2008-08-12
[30] FR (0858925) 2008-12-22
[30] FR (0955115) 2009-07-22

[11] **2,734,810**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 9/00 (2006.01)**
[25] EN
[54] **NUCLEIC ACIDS ENCODING DESATURASES AND MODIFIED PLANT OIL**
[54] **ACIDES NUCLEIQUES CODANT DES DESATURASES ET HUILE VEGETALE MODIFIEE**
[72] BAUER, JOERG, DE
[72] SENGER, TORALF, DE
[72] ZANK, THORSTEN, DE
[72] QIU, XIAO, CA
[72] WU, GUOHAI, CA
[73] BASF PLANT SCIENCE GMBH, DE
[73] BIORIGINAL FOOD & SCIENCE CORPORATION, CA
[85] 2011-02-18
[86] 2009-08-25 (PCT/EP2009/060923)
[87] (WO2010/023202)
[30] EP (08162988.3) 2008-08-26

[11] **2,734,857**
[13] C
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 5/14 (2006.01)**
[25] EN
[54] **HIGH PRESSURE TURBINE VANE AIRFOIL PROFILE**
[54] **PROFIL AERODYNAMIQUE D'AUBE DE TURBINE HAUTE PRESSION**
[72] MARINI, REMO, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2734857)
[87] (2734857)
[22] 2011-03-21
[30] US (12/749,779) 2010-03-30

[11] **2,735,753**
[13] C
[51] **Int.Cl. F16K 17/40 (2006.01) E21B 29/00 (2006.01) E21B 33/12 (2006.01) E21B 34/08 (2006.01) F16K 17/14 (2006.01) F16L 55/11 (2006.01)**
[25] EN
[54] **FLUID SYSTEM COMPONENT WITH SACRIFICIAL ELEMENT**
[54] **COMPOSANT DE SYSTEME FLUIDIQUE A ELEMENT SACRIFICIEL**
[72] KRYWITSKY, LEE A., CA
[73] HILTAP FITTINGS, LTD., CA
[86] (2735753)
[87] (2735753)
[22] 2011-03-30
[30] US (61/318,939) 2010-03-30
[30] US (61/419,003) 2010-12-02
[30] US (13/074,773) 2011-03-29

[11] **2,736,480**
[13] C
[51] **Int.Cl. B65D 65/18 (2006.01) B32B 15/08 (2006.01) B65D 65/40 (2006.01)**
[25] EN
[54] **PARTIALLY METALLIZED FILM HAVING BARRIER PROPERTIES**
[54] **FILM PARTIELLEMENT METALLISE DOTE DE PROPRIETES DE BARRIERE**
[72] BEZEK, EDWARD ANTHONY, US
[72] KNOERZER, ANTHONY ROBER, US
[72] TUCKER, STEVEN KENNETH, US
[73] FRITO-LAY NORTH AMERICA, INC., US
[85] 2011-03-08
[86] 2009-09-04 (PCT/US2009/056030)
[87] (WO2010/030573)
[30] US (12/207,010) 2008-09-09

[11] **2,737,498**
[13] C
[51] **Int.Cl. A61C 3/02 (2006.01)**
[25] EN
[54] **INTELLIGENT DENTAL HANDPIECE CONTROL SYSTEM**
[54] **SYSTEME INTELLIGENT DE COMMANDE D'INSTRUMENT DE DENTISTERIE**
[72] ARZANPOUR, SIAMAK, CA
[72] ZAKERI, VAHID, CA
[73] SIMON FRASER UNIVERSITY, CA
[86] (2737498)
[87] (2737498)
[22] 2011-04-15
[30] US (61/3247,709) 2010-04-15

[11] **2,737,987**
[13] C
[51] **Int.Cl. B62D 37/04 (2006.01) B60N 99/00 (2006.01) B66F 9/075 (2006.01) F16F 7/116 (2006.01)**
[25] EN
[54] **OPERATOR RIDE ENHANCEMENT SYSTEM**
[54] **SYSTEME D'AMELIORATION DU CONFORT DE ROULEMENT POUR LE CONDUCTEUR**
[72] YAHNER, JOSEPH THOMAS, US
[73] THE RAYMOND CORPORATION, US
[86] (2737987)
[87] (2737987)
[22] 2011-04-26
[30] US (61/327,434) 2010-04-23

[11] **2,739,922**
[13] C
[51] **Int.Cl. A61B 50/30 (2016.01) A61B 50/36 (2016.01) A61M 5/32 (2006.01) B65D 5/00 (2006.01)**
[25] EN
[54] **SHARPS CONTAINER**
[54] **CONTENANT D'OBJETS TRANCHANTS**
[72] ERICKSON, THOMAS E., US
[72] ERICKSON, JAMES J., US
[72] SAURO, THOMAS, US
[73] ULTIMED, INC., US
[85] 2011-04-07
[86] 2009-10-08 (PCT/US2009/059933)
[87] (WO2010/042679)
[30] US (12/247,698) 2008-10-08

[11] **2,740,081**
[13] C
[51] **Int.Cl. B62B 5/00 (2006.01) B29C 70/00 (2006.01) B62B 3/00 (2006.01)**
[25] EN
[54] **BODY REINFORCEMENT AND METHOD OF MANUFACTURING THEREOF**
[54] **ARMATURE DE CHARIOT ET SON PROCEDE DE FFABRICATION**
[72] BELANGER, MARTIN, CA
[72] BOIVIN, MATHIEU, CA
[72] GAUTHIER, MARTIN, CA
[73] NORDUYN INC., CA
[86] (2740081)
[87] (2740081)
[22] 2011-05-12
[30] US (61334581) 2010-05-14

[11] **2,742,070**
[13] C
[51] **Int.Cl. B21D 7/04 (2006.01) B21D 7/16 (2006.01)**
[25] EN
[54] **TUBE BENDING MACHINE WITH AN AUTOMATIC LOADING SYSTEM AND METHOD FOR AUTOMATIC LOADING OF TUBES ON THE BENDING HEAD OF A TUBE BENDING MACHINE**
[54] **CINTREUSE DE TUBES A SYSTEME DE CHARGEMENT AUTOMATIQUE ET METHODE DE CHARGEMENT AUTOMATIQUE DE TUBES SUR LA TETE DE CINTRAGE D'UNE CINTREUSE DE TUBES**
[72] BROGGI, MAURO, IT
[72] BRAMATI, PAOLO, IT
[72] MOSCATELLI, CESARE, IT
[73] BLM S.P.A., IT
[86] (2742070)
[87] (2742070)
[22] 2011-06-03
[30] IT (TO2010A000491) 2010-06-10

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[11] **2,743,647**
[13] C
[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATICALLY SETTING, ADJUSTING, AND MONITORING LOAD-BASED LIMITS ON A WELL SERVICE RIG**
[54] **PROCEDE ET SYSTEME POUR LE REGLAGE, L'AJUSTEMENT ET LA SURVEILLANCE AUTOMATIQUES DE LIMITES BASEES SUR LES CHARGES SUR UNE PLATE-FORME DE MAINTENANCE DE PUITS**
[72] BOWEN, JAY CHARLES, US
[72] BURKE, ROGER PHILLIP, US
[72] NEAL, HOWARD ADRIAN, CA
[72] YORGA, DERREK, CA
[73] KEY ENERGY SERVICES, LLC, US
[86] (2743647)
[87] (2743647)
[22] 2011-06-16
[30] US (61/355,772) 2010-06-17

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[11] **2,743,953**
[13] C
[51] **Int.Cl. B65D 23/08 (2006.01) B32B 27/08 (2006.01) B65B 3/18 (2006.01) B65B 33/00 (2006.01) B65C 3/06 (2006.01) B65D 1/02 (2006.01)**
[25] EN
[54] **BEVERAGE CONTAINERS HAVING COATED LABELS WITH MODIFIED GAS BARRIER PROPERTIES AND RELATED METHODS**
[54] **CONTENANTS POUR BOISSON AYANT DES ETIQUETTES RECOUVERTES AMELIORANT LES PROPRIETES DE BARRIERE AU GAZ ET METHODES CONNEXES**
[72] GEORGE, PATRICK, US
[73] DR PEPPER/SEVEN UP, INC., US
[86] (2743953)
[87] (2743953)
[22] 2011-06-22
[30] US (12/822,959) 2010-06-24

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[11] **2,743,990**
[13] C
[51] **Int.Cl. B65D 23/08 (2006.01) B65C 3/26 (2006.01) B65D 1/02 (2006.01) B65D 1/40 (2006.01) B65D 65/02 (2006.01) B65D 81/24 (2006.01) B67C 3/00 (2006.01) G09F 3/00 (2006.01)**
[25] EN
[54] **BEVERAGE PACKAGING LABELS MADE OF RESIN BLENDS THAT PROVIDE ENHANCED GAS BARRIER PROPERTIES AND RELATED METHODS**
[54] **ETIQUETTES POUR EMBALLAGE DE BOISSON EN MELANGE DE RESINES QUI PROCURENT DES PROPRIETES DE BARRIERE AUX GAZ AMELIOREES ET METHODES CONNEXES**
[72] BENTLEY, DARRELL, US
[73] DR PEPPER/SEVEN UP, INC., US
[86] (2743990)
[87] (2743990)
[22] 2011-06-22
[30] US (12/823,069) 2010-06-24

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[11] **2,744,228**
[13] C
[51] **Int.Cl. A61K 35/28 (2015.01) C12N 5/071 (2010.01) C12N 5/077 (2010.01) A61P 1/18 (2006.01) A61P 3/08 (2006.01) A61P 5/48 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING OR PREVENTING A PANCREATIC DYSFUNCTION**
[54] **PROCEDE POUR TRAITER OU PREVENIR UN DYSFONCTIONNEMENT PANCREATIQUE**
[72] ITESCU, SILVIU, AU
[72] KRISHNAN, RAVI, AU
[73] MESOBLAST, INC., US
[85] 2011-05-19
[86] 2009-11-19 (PCT/AU2009/001511)
[87] (WO2010/057260)
[30] US (61/199,796) 2008-11-20

---

[11] **2,744,810**
[13] C
[51] **Int.Cl. A45D 33/00 (2006.01) A45D 40/26 (2006.01) A45D 40/28 (2006.01) A46B 5/00 (2006.01)**
[25] EN
[54] **ERGONOMIC COSMETIC BRUSH**
[54] **BROSSE COSMETIQUE ERGONOMIQUE**
[72] WAITESMITH, MATTHEW, US
[73] ARTIS LLC, US
[85] 2011-05-26
[86] 2009-10-07 (PCT/US2009/059837)
[87] (WO2010/065188)
[30] US (61/118,863) 2008-12-01
[30] US (12/425,182) 2009-04-16

---

[11] **2,745,831**
[13] C
[51] **Int.Cl. H04N 19/39 (2014.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR SCALABLE VIDEO DELIVERY**
[54] **PROCEDES ET SYSTEMES POUR LA DISTRIBUTION DE CONTENU VIDEO A ECHELLE MODIFIABLE**
[72] MYERS, ROBERT LINWOOD, CA
[72] AITCHISON, SCOTT ERNEST, CA
[72] MURRAY, GREGORY SCOTT, CA
[73] ARRIS CANADA, INC., CA
[86] (2745831)
[87] (2745831)
[22] 2011-07-08
[30] US (12/842,515) 2010-07-23

[11] **2,746,037**
[13] C
[51] **Int.Cl. G01B 7/16 (2006.01) B64C 25/02 (2006.01)**
[25] EN
[54] **SENSOR FOR MEASURING LARGE MECHANICAL STRAINS WITH FINE ADJUSTMENT DEVICE**
[54] **CAPTEUR SERVANT A MESURER DE FORTES CONTRAINTES MECANIQUES A L'AIDE DE DISPOSITIFS D'AJUSTEMENT PRECIS**
[72] ERIKSEN, ODD HARALD STEEN, US
[72] STANG, LAWRENCE JOSEPH, US
[72] GUO, SHUWEN, US
[73] GOODRICH CORPORATION, US
[86] (2746037)
[87] (2746037)
[22] 2011-07-12
[30] US (12/839,401) 2010-07-19

[11] **2,746,665**
[13] C
[51] **Int.Cl. B64C 19/00 (2006.01) B64D 45/00 (2006.01)**
[25] FR
[54] **PROCESS AND AUTOMATED MANAGEMENT DEVICE FOR A LATERAL TRAJECTORY FOR THE EMERGENCY DESCENT OF AN AIRCRAFT**
[54] **PROCEDE ET DISPOSITIF DE GESTION AUTOMATIQUE D'UNE TRAJECTOIRE LATERALE POUR UNE DESCENTE D'URGENCE D'UN AERONEF.**
[72] BOTARGUES, PAULE, FR
[72] GRANDPERRET, ERWIN, FR
[72] BUREL, LUCAS, FR
[72] ROSAY, JACQUES, FR
[72] RONCERAY, DIDIER, FR
[73] AIRBUS OPERATIONS (SAS), FR
[73] AIRBUS (SAS), FR
[86] (2746665)
[87] (2746665)
[22] 2011-07-12
[30] FR (1055892) 2010-07-20

[11] **2,746,728**
[13] C
[51] **Int.Cl. G06F 15/16 (2006.01) G06F 15/00 (2006.01)**
[25] EN
[54] **COUPLING A SPECIALTY SYSTEM, SUCH AS A METERING SYSTEM, TO MULTIPLE CONTROL SYSTEMS**
[54] **COUPLAGE D'UN SYSTEME SPECIALISE, TEL QU'UN SYSTEME DE COMPTAGE, A DES SYSTEMES DE COMMANDE MULTIPLES**
[72] RAMSAY, LAWSON H., GB
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2011-06-13
[86] 2009-07-15 (PCT/US2009/050718)
[87] (WO2010/047857)
[30] US (12/254,274) 2008-10-20

[11] **2,747,011**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NKG2D-FC FOR IMMUNOTHERAPY**
[54] **NKG2D-FC POUR IMMUNOTHERAPIE**
[72] DRANOFF, GLENN, US
[72] VANNEMAN, MATTHEW, US
[72] FREEMAN, GORDON, US
[73] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2011-06-15
[86] 2009-12-18 (PCT/US2009/006627)
[87] (WO2010/080124)
[30] US (61/138,715) 2008-12-18

[11] **2,747,537**
[13] C
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **TREATMENT THROUGH ELECTRICAL STIMULATION OF A NERVE**
[54] **TRAITEMENT AU MOYEN DE LA STIMULATION ELECTRIQUE D'UN NERF**
[72] BAIN, DUNCAN, GB
[72] TUCKER, ARTHUR, GB
[72] ROSS, BERNARD, GB
[73] SKY MEDICAL TECHNOLOGY LIMITED, GB
[85] 2011-06-17
[86] 2009-12-15 (PCT/GB2009/051713)
[87] (WO2010/070332)
[30] GB (0823213.4) 2008-12-19

[11] **2,748,933**
[13] C
[51] **Int.Cl. B01J 19/00 (2006.01)**
[25] EN
[54] **DUAL MOBILE PHASE APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE POUR DOUBLE PHASE MOBILE**
[72] PREWER, ANDREW RICHARD RUSSELL, GB
[73] SWEDISH BIOMIMETICS 3000 LIMITED, GB
[85] 2011-07-05
[86] 2010-01-04 (PCT/GB2010/050005)
[87] (WO2010/079349)
[30] US (61/143,092) 2009-01-07

[11] **2,749,447**
[13] C
[51] **Int.Cl. H01H 9/30 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKER AND ARC CHUTE WITH SHIELD APPARATUS**
[54] **DISJONCTEUR ET APPAREIL DE SOUFFLAGE D'ARC AVEC BLINDAGE**
[72] SCHALTENBRAND, BRIAN JOHN, US
[72] JANUSEK, MARK ANTHONY, US
[72] BRAND, RONALD WILLIAM, JR., US
[72] SMELTZER, JAMES MICHAEL, US
[73] EATON CORPORATION, US
[86] (2749447)
[87] (2749447)
[22] 2011-08-17
[30] US (12/857,721) 2010-08-17

[11] **2,749,710**
[13] C
[51] **Int.Cl. G07B 15/06 (2011.01) H04W 84/10 (2009.01) H04B 1/59 (2006.01)**
[25] EN
[54] **METHOD AND ONBOARD UNIT FOR RADIO COMMUNICATION IN A ROAD TOLL SYSTEM**
[54] **PROCEDE ET UNITE EMBAQUEE POUR ETABLIR DES COMMUNICATIONS DANS UN SYSTEME DE PEAGE AUTOROUTIER**
[72] HANISCH, HARALD, AT
[72] TIJINK, JASJA, AT
[72] WINLKER, JOSEF, AT
[73] KAPSCH TRAFFICCOM AG, AT
[86] (2749710)
[87] (2749710)
[22] 2011-08-22
[30] EP (10450147.3) 2010-09-17

---

[11] **2,749,712**
[13] C
[51] **Int.Cl. G01C 22/00 (2006.01) G07B 15/06 (2011.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE LENGTH OF THE PATH DRIVEN BY A VEHICLE**
[54] **METHODE DE CALCUL DE LA LONGUEUR DU CHEMIN PARCOURU PAR UN VEHICULE**
[72] KAES, KATHARINA, AT
[72] TIJINK, JASJA, AT
[72] NAGY, OLIVER, AT
[73] KAPSCH TRAFFICCOM AG, AT
[86] (2749712)
[87] (2749712)
[22] 2011-08-22
[30] EP (10450146.5) 2010-09-17

---

[11] **2,750,399**
[13] C
[51] **Int.Cl. C08L 83/04 (2006.01) A61K 8/89 (2006.01) B01F 17/54 (2006.01) C08K 5/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING A SILICONE WATER-IN-OIL EMULSIFIER AND A LOW NITROGEN CONTAINING AMINO-FUNCTIONAL SILICONE GUM**
[54] **COMPOSITIONS COMPRENANT UN EMULSIFIANT EAU DANS HUILE DE SILICONE ET UNE GOMME DE SILICONE A FONCTION AMINE A FAIBLE TENEUR EN AZOTE**
[72] NARASIMHAN, SAROJA, US
[72] LIBRIZZI, JOSEPH J., US
[73] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[86] (2750399)
[87] (2750399)
[22] 2011-08-25
[30] US (12/874,342) 2010-09-02

---

[11] **2,751,138**
[13] C
[51] **Int.Cl. G06F 21/31 (2013.01) G06F 21/45 (2013.01)**
[25] EN
[54] **TRANSFORMING STATIC PASSWORD SYSTEMS TO BECOME 2-FACTOR AUTHENTICATION**
[54] **TRANSFORMATION DE SYSTEMES STATIQUES DE MOTS DE PASSE POUR LES CONVERTIR EN AUTHENTIFICATION A 2 FACTEURS**
[72] TAN, TEIK GUAN, SG
[73] DATA SECURITY SYSTEMS SOLUTIONS PTE LTD, SG
[85] 2011-07-28
[86] 2010-02-04 (PCT/SG2010/000038)
[87] (WO2010/090602)
[30] US (61/149,710) 2009-02-04

---

[11] **2,751,445**
[13] C
[51] **Int.Cl. C07K 14/52 (2006.01) A61K 38/04 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **TRUNCATED CYSTINE-KNOT PROTEINS**
[54] **PROTEINES TRONQUEES A NOEUD CYSTINE**
[72] TIMMERMAN, PETER, NL
[72] PUIJK, WOUTER CORNELIS, NL
[72] HACKENG, TILMAN MATHIAS, NL
[72] GRIFFIOEN, ARJAN WILLEM, NL
[73] PEPSCAN SYSTEMS B.V., NL
[73] UNIVERSITEIT MAASTRICHT, NL
[73] ACADEMISCH ZIEKENHUIS MAASTRICHT, NL
[85] 2011-08-03
[86] 2010-02-05 (PCT/NL2010/050053)
[87] (WO2010/090523)
[30] EP (09152305.0) 2009-02-06

---

[11] **2,751,749**
[13] C
[51] **Int.Cl. F41H 3/00 (2006.01) A47C 7/74 (2006.01) B60N 2/56 (2006.01) F25B 21/02 (2006.01)**
[25] EN
[54] **DEVICE FOR THERMAL ADAPTION**
[54] **DISPOSITIF D'ADAPTATION THERMIQUE**
[72] SJOLUND, PEDER, SE
[72] MYLLYLUOMA, JUSSI, SE
[73] BAE SYSTEMS HAGGLUNDS AKTIEBOLAG, SE
[85] 2011-08-08
[86] 2010-02-11 (PCT/SE2010/050162)
[87] (WO2010/093323)
[30] SE (0950071-1) 2009-02-11

[11] **2,752,312**
[13] C
[51] **Int.Cl. G01N 15/10 (2006.01) C12N 5/076 (2010.01) G06F 19/24 (2011.01) C12M 1/34 (2006.01) C12M 3/00 (2006.01)**
[25] EN
[54] **APPARATUS, METHODS AND PROCESSES FOR SORTING PARTICLES AND FOR PROVIDING SEX-SORTED ANIMAL SPERM**
[54] **DISPOSITIFS, PROCEDES ET PROCESSUS PERMETTANT DE TRIER DES PARTICULES ET D'OBTENIR DU SPERME ANIMAL PRODUISANT UNE PROGENITURE DE SEXE DONNE**
[72] DURACK, GARY, US
[72] HATCHER, JEREMY T., US
[72] WESTFALL, LON A., US
[72] HELBLING, DAVID R., US
[72] WALLACE, JEFFREY D., US
[72] VANDRE, GARY P., US
[72] NAYAK, NIRAJ V., US
[73] INGURAN, LLC, US
[86] (2752312)
[87] (2752312)
[22] 2004-03-29
[62] 2,518,882
[30] US (60/458,607) 2003-03-28
[30] US (60/458,731) 2003-03-28

---

[11] **2,752,338**
[13] C
[51] **Int.Cl. A61B 17/94 (2006.01) A61F 2/02 (2006.01)**
[25] EN
[54] **MEANS AND METHOD FOR REVERSIBLY CONNECTING A PATCH TO A PATCH DEPLOYMENT DEVICE**
[54] **MOYEN ET PROCEDE POUR POSER UN TIMBRE TRANSDERMIQUE AMOVIBLE SUR UN DISPOSITIF D'APPLICATION DE TIMBRE TRANSDERMIQUE**
[72] LEVIN, OFEK, IL
[72] LEVY, ARIE, IL
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2752338)
[87] (2752338)
[22] 2011-09-14
[30] US (12/891,962) 2010-09-28

---

[11] **2,752,980**
[13] C
[51] **Int.Cl. C07K 1/107 (2006.01) A61K 39/385 (2006.01) A61K 39/39 (2006.01) C07K 9/00 (2006.01) C07K 17/10 (2006.01)**
[25] EN
[54] **NON-AQUEOUS SYNTHESIS OF POLYSACCHARIDE-PROTEIN CONJUGATES FOR VACCINES**
[54] **SYNTHESE NON AQUEUSE DE CONJUGUES PROTEINE-POLYSACCHARIDE POUR VACCINS**
[72] KAPLAN, HARVEY, CA
[73] DEHYDROVAX BIOTECH INC., CA
[86] (2752980)
[87] (2752980)
[22] 2011-09-22
[30] US (61/385,673) 2010-09-23

---

[11] **2,753,362**
[13] C
[51] **Int.Cl. C12N 15/00 (2006.01) C12N 15/63 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **REENGINEERING MRNA PRIMARY STRUCTURE FOR ENHANCED PROTEIN PRODUCTION**
[54] **RE-INGENIERIE DE STRUCTURE PRIMAIRE D'ARNM POUR UNE PRODUCTION AMELIOREE DE PROTEINES**
[72] MAURO, VINCENT P., US
[72] CHAPPELL, STEPHEN A., US
[72] ZHOU, WEI, US
[72] EDELMAN, GERALD M., US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2011-08-23
[86] 2010-02-24 (PCT/US2010/000567)
[87] (WO2010/098861)
[30] US (61/155,049) 2009-02-24

---

[11] **2,754,635**
[13] C
[51] **Int.Cl. A61K 35/33 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF GINGIVAL FIBROBLAST CONDITIONED MEDIA TO TREAT METASTATIC CANCER**
[54] **UTILISATION DE MILIEU CONDITIONNE AU FIBROPLASTE GINGIVAL EN VUE DE TRAITER UN CANCER METASTASIQUE**
[72] GOGLY, BRUNO, FR
[72] LAFONT, ANTOINE, FR
[72] COULOMB, BERNARD, FR
[72] LATAILLADE, JEAN-JACQUES, FR
[73] UNIVERSITE PARIS DESCARTES, FR
[73] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[73] MINISTERE DE LA DEFENSE SERVICE DE SANTE DES ARMEES, FR
[73] INSERM, FR
[85] 2011-09-06
[86] 2010-03-08 (PCT/EP2010/052901)
[87] (WO2010/100282)
[30] US (61/158,037) 2009-03-06

---

[11] **2,754,912**
[13] C
[51] **Int.Cl. A01N 57/20 (2006.01) A01N 25/30 (2006.01) A01N 43/70 (2006.01) A01N 47/30 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL FORMULATIONS COMPRISING GLYPHOSATE AND ALKOXYLATED GLYCERIDES**
[54] **FORMULATIONS HERBICIDES COMPRENANT DU GLYPHOSATE ET DES GLYCERIDES ALCOXYLES**
[72] ZHU, SHAWN, US
[72] PALLAS, NORMAN R., US
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2011-09-08
[86] 2010-03-11 (PCT/US2010/026970)
[87] (WO2010/105047)
[30] US (61/209,834) 2009-03-11

[11] **2,756,887**
[13] C
[51] **Int.Cl. C07D 209/80 (2006.01) A61K 51/04 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **INDOLE DERIVATIVES**
[54] **DERIVES D'INDOLE**
[72] WADSWORTH, HARRY JOHN, GB
[72] O'SHEA, DENNIS, GB
[72] PASSMORE, JOANNA MARIE, GB
[72] TRIGG, WILLIAM JOHN, GB
[72] EWAN, AMANDA, GB
[72] SHAN, BO, CN
[73] GE HEALTHCARE LIMITED, GB
[85] 2011-09-26
[86] 2010-03-26 (PCT/EP2010/053998)
[87] (WO2010/109007)
[30] GB (0905328.1) 2009-03-27
[30] US (61/164,131) 2009-03-27

---

[11] **2,757,244**
[13] C
[51] **Int.Cl. G07F 11/62 (2006.01)**
[25] EN
[54] **VERTICAL MEDICATION STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE VERTICAL DE MEDICAMENT**
[72] HEFFRON, DAVID, US
[73] CAREFUSION 303, INC., US
[85] 2011-09-26
[86] 2010-03-31 (PCT/US2010/029461)
[87] (WO2010/114918)
[30] US (12/416,820) 2009-04-01

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[11] **2,757,257**
[13] C
[51] **Int.Cl. C10K 1/00 (2006.01) B01D 53/00 (2006.01) C01B 17/02 (2006.01) C10J 3/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO RECYCLE TAIL GAS**
[54] **PROCEDE ET APPAREIL DE RECYCLAGE DE GAZ RESIDUAIRE**
[72] THACKER, PRADEEP S., US
[72] GULKO, GEORGE MORRIS, US
[72] WALLACE, PAUL STEVEN, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2011-09-29
[86] 2010-03-09 (PCT/US2010/026582)
[87] (WO2010/114679)
[30] US (12/417,763) 2009-04-03

---

[11] **2,757,379**
[13] C
[51] **Int.Cl. A44B 18/00 (2006.01)**
[25] FR
[54] **CONNECTION ELEMENT FOR FORMING THE MALE PORTION OF AN AUTOMATIC FASTENER**
[54] **ELEMENT D'ACCROCHAGE POUR FORMER LA PARTIE MALE D'UN AUTO-AGRIPPANT**
[72] PICOT, LIONEL, FR
[72] DUCAUCHUIS, JEAN-PIERRE, FR
[73] APLIX, FR
[85] 2011-09-30
[86] 2010-04-30 (PCT/FR2010/000339)
[87] (WO2010/130886)
[30] FR (0902358) 2009-05-15

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[11] **2,757,988**
[13] C
[51] **Int.Cl. A61K 31/4985 (2006.01) A61K 9/18 (2006.01) A61K 31/216 (2006.01) A61K 31/366 (2006.01) A61K 47/02 (2006.01)**
[25] EN
[54] **ACTIVE PHARMACEUTICAL INGREDIENT ADSORBED ON SOLID SUPPORT**
[54] **INGREDIENT PHARMACEUTIQUE ACTIF ADSORBE SUR SUPPORT SOLIDE**
[72] GRAHEK, ROK, SI
[72] BASTARDA, ANDREJ, SI
[72] JAKLIC, MIHA TOMAZ, SI
[72] KOCEVAR, KLEMEN, SI
[72] PIRC, SAMO, SI
[73] LEK PHARMACEUTICALS D.D., SI
[85] 2011-10-05
[86] 2010-04-06 (PCT/EP2010/054526)
[87] (WO2010/115886)
[30] EP (09005047.7) 2009-04-06

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[11] **2,760,783**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) G01N 21/47 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **A SYSTEM, METHOD, AND LUMINESCENT MARKER FOR IMPROVED DIFFUSE LUMINESCENT IMAGING OR TOMOGRAPHY IN SCATTERING MEDIA**
[54] **SYSTEME, PROCEDE, ET MARQUEUR LUMINESCENT POUR IMAGERIE LUMINESCENTE DIFFUSE AMELIOREE OU TOMOGRAPHIE DANS UN MILIEU DE DIFFUSION**
[72] ANDERSSON-ENGELS, STEFAN, SE
[72] XU, CAN, SE
[72] LIU, HAICHUN, SE
[72] AXELSSON, JOHAN, SE
[72] SVENSSON, NICLAS, SE
[72] SVENMARKER, PONTUS, SE
[73] LUMITO AB, SE
[85] 2011-11-02
[86] 2010-05-05 (PCT/EP2010/056127)
[87] (WO2010/128090)
[30] SE (0950313-7) 2009-05-05
[30] US (61/215,881) 2009-05-12
[30] US (61/255,139) 2009-10-27

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[11] **2,760,832**
[13] C
[51] **Int.Cl. E21B 21/10 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL**
[54] **OUTIL DE FOND**
[72] CHURCHILL, ANDREW PHILIP, GB
[73] CHURCHILL DRILLING TOOLS LIMITED, GB
[85] 2011-11-03
[86] 2010-05-07 (PCT/GB2010/000895)
[87] (WO2010/128287)
[30] GB (0907786.8) 2009-05-07
[30] GB (0908796.6) 2009-05-21
[30] GB (0910815.0) 2009-06-23

[11] **2,761,562**
[13] C
[51] **Int.Cl. H04L 12/66 (2006.01) H04L 12/28 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRIORITY DELIVERY OF LOAD MANAGEMENT MESSAGES ON IP-BASED NETWORKS**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION PRIORITAIRE DE MESSAGES DE GESTION DE CHARGE SUR DES RESEAUX DE TYPE IP**
[72] FORBES, JOSEPH W., US
[72] WEBB, JOEL L., US
[73] LANDIS+GYR INNOVATIONS, INC., US
[85] 2011-11-09
[86] 2010-05-11 (PCT/US2010/034395)
[87] (WO2010/132456)
[30] US (61/176,976) 2009-05-11
[30] US (12/702,554) 2010-02-09

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[11] **2,762,082**
[13] C
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6809 (2018.01) C40B 30/04 (2006.01) G01N 33/48 (2006.01) G01N 33/574 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **MARKERS FOR DETECTION OF GASTRIC CANCER**
[54] **MARQUEURS DE DETECTION DE CANCERS GASTRIQUES**
[72] GUILFORD, PARRY JOHN, NZ
[73] PACIFIC EDGE BIOTECHNOLOGY LIMITED, NZ
[85] 2011-11-15
[86] 2010-05-14 (PCT/NZ2010/000089)
[87] (WO2010/131984)
[30] NZ (577012) 2009-05-15

---

[11] **2,762,424**
[13] C
[51] **Int.Cl. B02C 9/04 (2006.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR WHEAT MILLING**
[54] **PROCEDE ET SYSTEME POUR MOUTURE DE BLE**
[72] KOLB, EMIL, US
[73] ARDENT MILLS, LLC, US
[85] 2011-11-17
[86] 2010-05-13 (PCT/US2010/034745)
[87] (WO2010/135152)
[30] US (61/180,291) 2009-05-21

---

[11] **2,762,586**
[13] C
[51] **Int.Cl. C12Q 1/02 (2006.01) C12N 15/87 (2006.01) C12Q 1/00 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **COMPOSITIONS, KITS AND METHODS FOR IN VITRO ANTIGEN PRESENTATION, ASSESSING VACCINE EFFICACY, AND ASSESSING IMMUNOTOXICITY OF BIOLOGICS AND DRUGS**
[54] **COMPOSITIONS, KITS ET METHODES DE PRESENTATION D'ANTIGENE IN VITRO, EVALUATION DE L'EFFICACITE D'UN VACCIN, ET EVALUATION DE L'IMMUNOTOXICITE D'AGENTS BIOLOGIQUES ET DE MEDICAMENTS**
[72] DAFTARIAN, PIROUZ MOHAMMAD, US
[72] SERAFINI, PAOLO, US
[72] LEMMON, VANCE PAUL, US
[72] KAIFER, ANGEL, US
[72] BLOMBERG, BONNIE BETH, US
[72] CHOWDHURY, RAQUIBUL, US
[72] KENYON, NORMA, US
[73] UNIVERSITY OF MIAMI, US
[85] 2011-11-18
[86] 2010-05-19 (PCT/US2010/035355)
[87] (WO2010/135394)
[30] US (61/179,614) 2009-05-19

---

[11] **2,763,792**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) C12N 15/113 (2010.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01)**
[25] EN
[54] **EXPRESSION CASSETTES DERIVED FROM MAIZE**
[54] **CASSETTES D'EXPRESSION ISSUES DU MAIS**
[72] NUCCIO, MICHAEL L., US
[73] SYNGENTA PARTICIPATIONS AG, CH
[85] 2011-11-29
[86] 2010-06-08 (PCT/US2010/037683)
[87] (WO2010/144385)
[30] US (61/186,038) 2009-06-11

---

[11] **2,765,405**
[13] C
[51] **Int.Cl. D01D 5/08 (2006.01) D01F 6/00 (2006.01) D01F 6/70 (2006.01)**
[25] EN
[54] **HIGH STRENGTH FABRICS CONSISTING OF THIN GAUGE CONSTANT COMPRESSION ELASTIC FIBERS**
[54] **TISSU HAUTE RESISTANCE COMPOSE DE FIBRES ELASTIQUES FINES A COMPRESSION CONSTANTE**
[72] VEDULA, RAVI R., US
[72] BRYSON, JR., JAMES E., US
[72] LEE, MOUH-WAHNG, US
[72] FISCHER, DANIEL M., US
[72] SPRAGUE, CHRISTOPHER A., US
[73] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2011-12-13
[86] 2010-06-24 (PCT/US2010/039773)
[87] (WO2010/151633)
[30] US (61/220,357) 2009-06-25

---

[11] **2,766,608**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) C12N 15/113 (2010.01) C07K 16/16 (2006.01) C07K 16/28 (2006.01) C07K 16/32 (2006.01) C07K 16/44 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **BI-SPECIFIC DIGOXIGENIN BINDING ANTIBODIES**
[54] **ANTICORPS BISPECIFIQUES DE LIAISON A LA DIGOXYGENINE**
[72] BRAMLAGE, BIRGIT, DE
[72] BRINKMANN, ULRICH, DE
[72] CROASDALE, REBECCA, DE
[72] DILL, SIMONE, DE
[72] DORMEYER, WILMA, DE
[72] GEORGES, GUY, DE
[72] GROTE, MICHAEL, DE
[72] HAAS, ALEXANDER, DE
[72] HOFFMANN, EIKE, DE
[72] ICKENSTEIN, LUDGER MARKUS, DE
[72] JAHN-HOFMANN, KERSTIN, DE
[72] JOHN, MATTHIAS, DE
[72] METZ, SILKE, DE
[72] MUNDIGL, OLAF, DE
[72] SCHEUER, WERNER, DE
[72] STRACKE, JAN OLAF, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2011-12-22
[86] 2010-06-30 (PCT/EP2010/059243)
[87] (WO2011/003780)
[30] EP (09164612.5) 2009-07-06

[11] **2,766,614**
[13] C
[51] **Int.Cl. A61K 47/54 (2017.01) A61K 49/00 (2006.01) C07H 15/04 (2006.01) C07H 15/203 (2006.01) C07H 15/26 (2006.01)**
[25] EN
[54] **COMPOUNDS TARGETING THE CATION-INDEPENDENT MANNOSE 6-PHOSPHATE RECEPTOR**
[54] **COMPOSES CIBLANT LE RECEPTEUR DU MANNOSE 6-PHOSPHATE CATION INDEPENDANT**
[72] GARCIA, MARCEL, FR
[72] MORERE, ALAIN, FR
[72] GARY-BOBO, MAGALI, FR
[72] CERUTTI, MARTINE, FR
[72] EL CHEIKH, KHALED, FR
[72] BASILE, ILARIA, FR
[72] NIRDE, PHILIPPE, FR
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS, FR
[73] UNIVERSITE DE MONTPELLIER, FR
[85] 2011-12-22
[86] 2010-07-02 (PCT/EP2010/059507)
[87] (WO2011/000958)
[30] EP (09305647.1) 2009-07-03

[11] **2,767,112**
[13] C
[51] **Int.Cl. C07D 207/333 (2006.01) A61K 31/4164 (2006.01) A61P 5/38 (2006.01) A61P 25/00 (2006.01) C07D 233/64 (2006.01)**
[25] EN
[54] **ETOMIDATE ANALOGUES THAT DO NOT INHIBIT ADRENOCORTICAL STEROID SYNTHESIS**
[54] **ANALOGUES DE L'ETOMIDATE QUI N'INHIBENT PAS LA SYNTHESE DE STEROIDES CORTICOSURRENAUX**
[72] RAINES, DOUGLAS E., US
[72] FORMAN, STUART A., US
[72] MILLER, KEITH W., US
[72] HUSAIN, SYED S., US
[72] CUNY, GREGORY D., US
[72] COTTEN, JOSEPH F., US
[73] THE GENERAL HOSPITAL CORPORATION, US
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2011-12-29
[86] 2010-07-08 (PCT/US2010/041379)
[87] (WO2011/005969)
[30] US (61/224,751) 2009-07-10

[11] **2,767,905**
[13] C
[51] **Int.Cl. F21K 9/64 (2016.01) H01L 33/30 (2010.01) F21K 9/00 (2016.01) F21K 9/60 (2016.01) A01G 9/20 (2006.01) H05B 33/08 (2006.01)**
[25] EN
[54] **LIGHTING ASSEMBLY**
[54] **APPAREIL D'ECLAIRAGE**
[72] AIKALA, LARS, FI
[73] VALOYA OY, FI
[85] 2012-01-12
[86] 2010-09-16 (PCT/FI2010/050716)
[87] (WO2011/033177)
[30] FI (20095967) 2009-09-18
[30] US (61/243,613) 2009-09-18
[30] US (12/797,215) 2010-06-09

[11] **2,768,947**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61K 48/00 (2006.01)**
[25] EN
[54] **TREATMENT OF SIRTUIN (SIRT) RELATED DISEASES BY INHIBITION OF NATURAL ANTISENSE TRANSCRIPT TO A SIRTUIN (SIRT)**
[54] **TRAITEMENT DES MALADIES ASSOCIEES A UNE SIRTUINE (SIRT) PAR INHIBITION DU PRODUIT DE TRANSCRIPTION ANTI-SENS NATUREL CHEZ UNE SIRTUINE (SIRT)**
[72] COLLARD, JOSEPH, US
[72] KHORKOVA SHERMAN, OLGA, US
[73] CURNA, INC., US
[85] 2012-01-23
[86] 2010-07-23 (PCT/US2010/043075)
[87] (WO2011/011700)
[30] US (61/228,392) 2009-07-24
[30] US (61/259,072) 2009-11-06
[30] US (PCT/US2009/66445) 2009-12-02
[30] US (PCT/US2010/26119) 2010-03-03
[30] US (61/330,427) 2010-05-03

[11] **2,770,721**
[13] C
[51] **Int.Cl. B65G 25/04 (2006.01)**
[25] EN
[54] **ADAPTABLE RECIPROCATING SLAT CONVEYOR**
[54] **BANDE TRANSPORTEUSE A LATTES ADAPTABLE A MOUVEMENT ALTERNATIF**
[72] ALMOND, THOMAS MICHAEL PRICE, AU
[73] HALLCO INDUSTRIES, INC., US
[85] 2012-02-09
[86] 2010-09-04 (PCT/US2010/047923)
[87] (WO2011/029076)
[30] US (12/604,279) 2009-10-22

[11] **2,772,493**
[13] C
[51] **Int.Cl. G01N 1/30 (2006.01) C12M 1/00 (2006.01) G01N 1/31 (2006.01)**
[25] EN
[54] **MULTIPLEXED MICROSCOPE SLIDE STAINING APPARATUS**
[54] **APPAREIL DE COLORATION DE LAMES DE MICROSCOPE A MULTIPLEXAGE**
[72] ANGROS, LEE H., US
[73] ANGROS, LEE H., US
[85] 2012-02-28
[86] 2009-08-28 (PCT/US2009/055451)
[87] (WO2010/025425)
[30] US (61/190,503) 2008-08-29

---

[11] **2,772,646**
[13] C
[51] **Int.Cl. C10M 169/04 (2006.01) C10M 125/00 (2006.01) C10M 137/00 (2006.01) C10M 141/10 (2006.01)**
[25] EN
[54] **NATURAL GAS ENGINE LUBRICATING OIL COMPOSITIONS**
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE POUR MOTEUR A GAZ NATUREL**
[72] TOBIAS, MELANIE F., US
[72] VON STADEN, JON F., US
[73] CHEVRON ORONITE COMPANY LLC, US
[85] 2012-02-29
[86] 2010-09-01 (PCT/US2010/047446)
[87] (WO2011/028751)
[30] US (12/584,244) 2009-09-02

---

[11] **2,772,713**
[13] C
[51] **Int.Cl. H02M 7/483 (2007.01) H02M 7/49 (2007.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR CALCULATING INSERTION INDECES FOR A MODULAR MULTILEVEL CONVERTER**
[54] **PROCEDE ET APPAREIL DESTINES A CALCULER DES INDICES D'INSERTION POUR UN CONVERTISSEUR MODULAIRE A NIVEAUX MULTIPLES**
[72] ANGQUIST, LENNART, SE
[73] ABB SCHWEIZ AG, CH
[85] 2012-02-29
[86] 2010-09-03 (PCT/EP2010/062923)
[87] (WO2011/026927)
[30] US (61/239,859) 2009-09-04

---

[11] **2,773,935**
[13] C
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/04 (2006.01) A61K 38/10 (2006.01)**
[25] EN
[54] **PEPTIDES FOR THE TREATMENT OF OXIDATIVE STRESS RELATED DISORDERS**
[54] **PEPTIDES POUR LE TRAITEMENT DE TROUBLES LIES AU STRESS OXYDATIF**
[72] OFFEN, DANIEL, IL
[72] LEV, NIRIT, IL
[72] MELAMED, ELDAD, IL
[73] RAMOT AT TEL AVIV UNIVERSITY LTD., IL
[85] 2012-03-12
[86] 2010-09-16 (PCT/IL2010/000760)
[87] (WO2011/033511)
[30] US (61/272,367) 2009-09-17

---

[11] **2,774,778**
[13] C
[51] **Int.Cl. G01N 27/49 (2006.01) C08L 33/08 (2006.01) C12Q 1/00 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **ANALYTE SENSOR APPARATUSES HAVING INTERFERENCE REJECTION MEMBRANES AND METHODS FOR MAKING AND USING THEM**
[54] **APPAREILS DE DETECTION D'ANALYTES COMPORTANT DES MEMBRANES DE REJET D'INTERFERENCES, ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
[72] YANG, QINGLING, US
[72] SHAH, RAJIV, US
[72] LITTLE, MEGAN E., US
[72] CHIU, CHIA-HUNG, US
[73] MEDTRONIC MINIMED, INC., US
[85] 2012-03-20
[86] 2010-10-01 (PCT/US2010/051177)
[87] (WO2011/041715)
[30] US (12/572,087) 2009-10-01

---

[11] **2,774,803**
[13] C
[51] **Int.Cl. E21B 21/08 (2006.01)**
[25] EN
[54] **CONTROL METHOD AND APPARATUS FOR WELL OPERATIONS**
[54] **APPAREIL ET PROCEDE DE COMMANDE POUR OPERATIONS LIEES A UN PUITS**
[72] KAASA, GLENN-OLE, NO
[72] FJALESTAD, KJETIL, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2012-03-20
[86] 2010-09-21 (PCT/EP2010/063865)
[87] (WO2011/036144)
[30] GB (0916628.1) 2009-09-22

---

[11] **2,774,971**
[13] C
[51] **Int.Cl. A61K 8/31 (2006.01) A61K 8/37 (2006.01) A61K 8/63 (2006.01) A61K 8/92 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **HUMAN SEBUM MIMETICS DERIVED FROM BOTANICAL SOURCES AND METHODS FOR MAKING THE SAME**
[54] **MIMETIQUES DE SEBUM HUMAIN DE SOURCES BOTANIQUES ET PROCEDES DE FABRICATION ASSOCIES**
[72] BROWN, JAMES STEVEN, US
[72] KLEIMAN, ROBERT, US
[72] KORITALA, SAMBASIVARAO, US
[72] ASHLEY, DAVID A., US
[73] INTERNATIONAL FLORA TECHNOLOGIES LTD., US
[85] 2012-03-21
[86] 2010-10-26 (PCT/US2010/054028)
[87] (WO2011/056535)
[30] US (61/254,909) 2009-10-26
[30] US (61/363,564) 2010-07-12
[30] US (12/911,150) 2010-10-25

[11] **2,774,989**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR EXTRACTION**
[54] **PROCEDE ET SYSTEME D'EXTRACTION**
[72] LAPIR, GENNADY, DE
[72] URBSCHAT, HARRY, DE
[72] MEIER, RALPH, DE
[72] WANSCHURA, THORSTEN, DE
[72] HAUSMANN, JOHANNES, FR
[73] KOFAX INTERNATIONAL SWITZERLAND SARL, CH
[85] 2012-03-21
[86] 2010-09-24 (PCT/US2010/050087)
[87] (WO2011/041205)
[30] US (12/570,412) 2009-09-30

---

[11] **2,775,179**
[13] C
[51] **Int.Cl. A63F 13/49 (2014.01) A63F 13/30 (2014.01) A63F 1/00 (2006.01) G07F 17/32 (2006.01)**
[25] EN
[54] **SYSTEM FOR PLAYING MULTIPLAYER GAMES**
[54] **SYSTEME POUR JEUX A JOUEURS MULTIPLES**
[72] MOSHAL, MARTIN, GI
[73] WATERLEAF LIMITED, GB
[86] (2775179)
[87] (2775179)
[22] 2012-04-20
[30] GB (1108118.9) 2011-05-13

---

[11] **2,776,140**
[13] C
[51] **Int.Cl. A61B 5/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF LONGITUDINAL DETECTION OF DEMENTIA THROUGH LEXICAL AND SYNTACTIC CHANGES IN WRITING**
[54] **METHODE ET SYSTEME DE DETECTION LONGITUDINALE DE LA DEMENCE PAR LE REPERAGE DES CHANGEMENTS LEXICAUX ET SEMANTIQUES DANS UN TEXTE ECRIT**
[72] HIRST, GRAEME JOHN, CA
[72] JOKEL, REGINA, CA
[72] LANCASHIRE, DAUPHIN IAN, CA
[72] LE, XUAN D., CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[86] (2776140)
[87] (2776140)
[22] 2012-05-03
[30] US (61/481,766) 2011-05-03

---

[11] **2,776,582**
[13] C
[51] **Int.Cl. H04J 3/02 (2006.01) H04W 74/00 (2009.01) H04W 88/00 (2009.01) H04B 7/00 (2006.01)**
[25] EN
[54] **SINGLE ANTENNA INTERFERENCE CANCELLATION IN A MOBILE COMMUNICATION SYSTEM**
[54] **ANNULATION D'INTERFERENCE D'ANTENNE UNIQUE DANS UN SYSTEME DE COMMUNICATION MOBILE**
[72] VUTUKURI, ESWAR, GB
[72] HOLE, DAVID PHILIP, GB
[72] KREUZER, WERNER, DE
[72] FAURIE, RENE, FR
[73] BLACKBERRY LIMITED, CA
[86] (2776582)
[87] (2776582)
[22] 2012-05-10
[30] EP (11305560.2) 2011-05-10

---

[11] **2,777,061**
[13] C
[51] **Int.Cl. G01N 33/543 (2006.01) C12M 1/34 (2006.01) G01N 33/02 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **DEVICE FOR DETECTION OF ANALYTES AND USES THEREOF**
[54] **DISPOSITIF DE DETECTION D'ANALYTES ET UTILISATIONS ASSOCIEES**
[72] SICILIANO, NICHOLAS A., US
[72] BOULIANE, MARTIN JOSEPH, US
[73] INVISIBLE SENTINEL, INC., US
[85] 2012-04-05
[86] 2010-10-12 (PCT/US2010/052287)
[87] (WO2011/044574)
[30] US (61/250,286) 2009-10-09

---

[11] **2,777,411**
[13] C
[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **IMMUNOCHEMICAL DETECTION OF SINGLE TARGET ENTITIES**
[54] **DETECTION IMMUNOCHIMIQUE D'ENTITES CIBLES UNIQUES**
[72] LOHSE, JESPER, DK
[73] DAKO DENMARK A/S, DK
[85] 2012-04-12
[86] 2010-10-15 (PCT/DK2010/000137)
[87] (WO2011/047680)
[30] US (61/253,116) 2009-10-20

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[11] **2,777,650**
[13] C
[51] **Int.Cl. G01N 33/483 (2006.01) C12N 9/54 (2006.01) G01N 27/447 (2006.01)**
[25] EN
[54] **ELECTROPHORETIC ANALYSIS METHOD**
[54] **PROCEDE D'ANALYSE ELECTROPHORETIQUE**
[72] SHIOTA, KAZUMA, JP
[72] FUJITA, TOMOHIRO, JP
[73] GODO SHUSEI CO., LTD., JP
[85] 2012-04-13
[86] 2010-11-17 (PCT/JP2010/070431)
[87] (WO2011/062174)
[30] JP (2009-262496) 2009-11-18

[11] 2,778,016
[13] C
[51] **Int.Cl. B01D 17/025 (2006.01) E03C 1/26 (2006.01) E03F 5/16 (2006.01)**
[25] EN
[54] **SOLIDS CONTAINMENT DEVICE FOR USE WITHIN OR IN ASSOCIATION WITH HYDROMECHANICAL GREASE INTERCEPTOR**
[54] **DISPOSITIF DE CONFINEMENT DE SOLIDES A UTILISER DANS UN SEPARATEUR DE GRAISSE HYDROMECANIQUE OU EN ASSOCIATION AVEC CELUI-CI**
[72] BIRD, ANDREW, CA
[72] MANTYLA, JAMES BRIAN, CA
[72] WARD, JOHN, CA
[72] TESKY, JAMES EDWIN, CA
[73] CANPLAS INDUSTRIES LTD., CA
[86] (2778016)
[87] (2778016)
[22] 2012-05-23

[11] 2,778,478
[13] C
[51] **Int.Cl. G01N 33/564 (2006.01)**
[25] EN
[54] **DETECTION AND TREATMENT OF LRP4-ASSOCIATED NEUROTRANSMISSION DISORDERS**
[54] **DETECTION ET TRAITEMENT DE TROUBLES DE LA NEUROTRANSMISSION ASSOCIES AU RECEPTEUR LRP4**
[72] MEI, LIN, US
[72] XIONG, WEN-CHENG, US
[72] ZHANG, BIN, US
[73] GEORGIA REGENTS RESEARCH INSTITUTE, INC., US
[85] 2012-04-20
[86] 2010-10-21 (PCT/US2010/053483)
[87] (WO2011/050134)
[30] US (61/253,610) 2009-10-21

[11] 2,779,369
[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 9/08 (2006.01) A61K 31/185 (2006.01) A61K 31/195 (2006.01) A61K 38/16 (2006.01) A61P 1/00 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **COMPOSITION, METHOD, AND KIT FOR ALPHA-1 PROTEINASE INHIBITOR**
[54] **COMPOSITION, PROCEDE ET KIT POUR INHIBITEUR D'ALPHA-1 PROTEINASE**
[72] GUO, JIANXIN, US
[72] KLOS, ANTHONY, US
[72] COLDREN, BRET, US
[72] BARNETTE, DEBORAH, US
[72] MANNING, MARK, US
[73] GRIFOLS THERAPEUTICS INC., US
[85] 2012-04-27
[86] 2010-11-02 (PCT/US2010/055135)
[87] (WO2011/056793)
[30] US (61/257,711) 2009-11-03

[11] 2,780,237
[13] C
[51] **Int.Cl. A24F 47/00 (2006.01) A23L 5/00 (2016.01) A23L 27/00 (2016.01) A61M 15/00 (2006.01)**
[25] EN
[54] **HYDROSOL BASED FLAVOR DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION D'UN PARFUM A BASE D'HYDROSOL**
[72] RASOULI, FIROOZ, US
[72] ZHANG, WEI-JUN, US
[72] REGRUT, JON, US
[72] PFLUEGER, JAMES, US
[73] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2012-05-07
[86] 2010-11-10 (PCT/IB2010/002993)
[87] (WO2011/058435)
[30] US (61/259,862) 2009-11-10

[11] 2,780,276
[13] C
[51] **Int.Cl. H04W 4/021 (2018.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MOBILE INTERACTION**
[54] **SYSTEME ET PROCEDE POUR INTERACTION MOBILE**
[72] NICKERSON, RAND B., US
[72] TRESCHL, MARK A., US
[72] WOLFE, SEAN E., US
[73] OPINIONLAB, INC., US
[85] 2012-05-07
[86] 2010-10-25 (PCT/US2010/053892)
[87] (WO2011/056488)
[30] US (12/613,199) 2009-11-05

[11] 2,780,341
[13] C
[51] **Int.Cl. A63H 33/04 (2006.01) F16H 25/20 (2006.01)**
[25] EN
[54] **A TOY BUILDING SET WITH AN OVERLOAD-SAFE LINEAR ACTUATOR**
[54] **JEU DE CONSTRUCTION COMPRENANT UN ACTIONNEUR LINEAIRE ANTI-SURCHARGE**
[72] PEDERSEN, FRANK HOHRMANN, DK
[73] LEGO A/S, DK
[85] 2012-05-09
[86] 2010-11-11 (PCT/DK2010/050304)
[87] (WO2011/057640)
[30] DK (PA 2009 70202) 2009-11-12

[11] 2,780,842
[13] C
[51] **Int.Cl. C07C 215/46 (2006.01) C07C 209/36 (2006.01) C07C 211/44 (2006.01) C07C 213/00 (2006.01) C07C 215/54 (2006.01)**
[25] EN
[54] **NEW PROCESS FOR THE PREPARATION OF TAPENTADOL AND INTERMEDIATES THEREOF**
[54] **NOUVEAU PROCEDE DE PREPARATION DE TAPENTADOL ET DE SES INTERMEDIAIRES**
[72] MOTTA, GIUSEPPE, IT
[72] VERGANI, DOMENICO, IT
[72] BERTOLINI, GIORGIO, IT
[73] EUTICALS SPA, IT
[85] 2012-05-11
[86] 2010-11-30 (PCT/IB2010/055499)
[87] (WO2011/067714)
[30] IT (MI2009A002110) 2009-12-01

[11] **2,781,150**
[13] C
[51] **Int.Cl. G01N 33/543 (2006.01) G01N 1/28 (2006.01) G01N 33/545 (2006.01) G01N 33/548 (2006.01) G01N 27/327 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **REDUCING LEUKOCYTE INTERFERENCE IN NON-COMPETITIVE IMMUNOASSAYS**
[54] **REDUCTION DE L'INTERFERENCE LEUCOCYTAIRE DANS DES IMMUNOESSAIS NON COMPETITIFS**
[72] CAMPBELL, JOHN LEWIS EMERSON, CA
[72] MOSS, ADAM ROGER, CA
[72] DAVIS, GRAHAM, US
[73] ABBOTT POINT OF CARE INC., US
[85] 2012-05-15
[86] 2010-11-17 (PCT/US2010/057062)
[87] (WO2011/063010)
[30] US (12/620,179) 2009-11-17

---

[11] **2,781,340**
[13] C
[51] **Int.Cl. B27D 3/02 (2006.01) B27M 3/00 (2006.01) B30B 15/34 (2006.01) B32B 13/14 (2006.01) B32B 21/13 (2006.01) F26B 3/00 (2006.01) F26B 3/20 (2006.01) F26B 7/00 (2006.01)**
[25] EN
[54] **ENGINEERED TIMBER PRODUCTS, COMPONENTS AND METHODOLOGIES**
[54] **PRODUITS DE BOIS D'OEUVRE D'INGENIERIE, COMPOSANTS ET METHODOLOGIES**
[72] BOSSON, WARWICK, NZ
[72] HARRISON, ROGER, NZ
[73] WOOD ENGINEERING TECHNOLOGY LIMITED, NZ
[85] 2012-05-18
[86] 2010-11-16 (PCT/NZ2010/000228)
[87] (WO2011/065845)
[30] NZ (581484) 2009-11-25

---

[11] **2,781,524**
[13] C
[51] **Int.Cl. A61F 5/00 (2006.01)**
[25] EN
[54] **BARIATRIC DEVICE AND METHOD FOR WEIGHT LOSS**
[54] **DISPOSITIF D'ETUDE DE L'OBESITE ET PROCEDE DE PERTE DE POIDS**
[72] BIRK, JANEL, US
[73] APOLLO ENDOSURGERY, INC., US
[85] 2012-04-20
[86] 2010-10-26 (PCT/US2010/054165)
[87] (WO2011/056608)
[30] US (61/255,045) 2009-10-26
[30] US (61/382,850) 2010-09-14

---

[11] **2,781,617**
[13] C
[51] **Int.Cl. F24F 13/02 (2006.01) F16L 23/12 (2006.01) F16L 23/14 (2006.01)**
[25] EN
[54] **STANDING SEAM CONNECTORS FOR DUCTING**
[54] **CONNECTEURS A JOINT DEBOUT POUR GAINE**
[72] HERMANSON, JEFFREY ALLEN, US
[73] HERMANSON, JEFFREY ALLEN, US
[85] 2012-05-23
[86] 2010-11-23 (PCT/US2010/057830)
[87] (WO2011/066298)
[30] US (61/264,201) 2009-11-24

---

[11] **2,783,519**
[13] C
[51] **Int.Cl. C25C 1/02 (2006.01) C02F 1/461 (2006.01) C30B 7/12 (2006.01) C01B 25/45 (2006.01)**
[25] EN
[54] **METHOD FOR SIMULTANEOUS ELIMINATION OF ORTHOPHOSPHATE AND AMMONIUM USING ELECTROLYTIC PROCESS**
[54] **PROCEDE D'ELIMINATION SIMULTANEE DES ORTHOPHOSPHATES ET DE L'AMMONIUM A L'AIDE D'UN PROCEDE ELECTROLYTIQUE**
[72] BERRAK, ABDERRAZAK, CA
[73] E2METRIX INC., CA
[86] (2783519)
[87] (2783519)
[22] 2012-07-23

---

[11] **2,784,192**
[13] C
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **METHODS FOR CAPTURING AND REPORTING METRICS REGARDING AD PLACEMENT**
[54] **PROCEDES PERMETTANT DE CAPTURER ET DE RAPPORTER DES MESURES CONCERNANT UN PLACEMENT D'ANNONCES PUBLICITAIRES**
[72] BAIRD, JAMES, US
[72] REDMOND, NICK, US
[72] HARRISON, GREGORY, US
[72] GEBALA, BRIAN, US
[72] KAWAMOTO, JOHN, US
[73] COMSCORE, INC., US
[85] 2012-06-07
[86] 2010-12-08 (PCT/US2010/059525)
[87] (WO2011/072048)
[30] US (61/267,742) 2009-12-08
[30] US (61/267,751) 2009-12-08
[30] US (61/267,748) 2009-12-08

---

[11] **2,784,448**
[13] C
[51] **Int.Cl. B01D 50/00 (2006.01) B01D 53/50 (2006.01) B01D 53/75 (2006.01) C10J 3/84 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SEPARATION OF ACID COMPONENTS, DUST, AND TAR FROM HOT GASES OF GASIFICATION SYSTEMS**
[54] **PROCEDE ET INSTALLATION POUR SEPARER DE GAZ CHAUDS D'INSTALLATIONS DE GAZEIFICATION LES COMPOSANTS ACIDES, LES POUSSIERES ET LE GOUDRON**
[72] PAVONE, DOMENICO, DE
[72] ABRAHAM, RALF, DE
[73] THYSSENKRUPP UHDE GMBH, DE
[85] 2012-06-14
[86] 2010-11-13 (PCT/EP2010/006922)
[87] (WO2011/082729)
[30] DE (10 2009 058 656.3) 2009-12-16

[11] **2,784,889**
[13] C
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSIS AND PROGNOSIS OF RENAL INJURY AND RENAL FAILURE**
[54] **PROCEDES ET COMPOSITIONS POUR DIAGNOSTIC ET PRONOSTIC D'UNE LESION RENALE ET D'UNE INSUFFISANCE RENALE**
[72] ANDERBERG, JOSEPH, US
[72] GRAY, JEFF, US
[72] MCPHERSON, PAUL, US
[72] NAKAMURA, KEVIN, US
[72] KAMPF, JAMES PATRICK, US
[73] ASTUTE MEDICAL, INC., US
[85] 2012-06-18
[86] 2010-12-20 (PCT/US2010/061377)
[87] (WO2011/075744)
[30] US (61/288,327) 2009-12-20
[30] US (61/308,861) 2010-02-26
[30] US (61/410,879) 2010-11-06
[30] US (61/410,880) 2010-11-06
[30] US (61/410,875) 2010-11-06
[30] US (61/410,878) 2010-11-06

---

[11] **2,784,997**
[13] C
[51] **Int.Cl. G01D 5/12 (2006.01) A61B 5/00 (2006.01) G01B 1/00 (2006.01) G01B 7/16 (2006.01) G01L 1/00 (2006.01) G01L 1/18 (2006.01)**
[25] EN
[54] **CARBON NANOTUBES BASED SENSING ELEMENTS AND SYSTEM FOR MONITORING AND MAPPING FORCE, STRAIN AND STRESS**
[54] **ELEMENTS DE DETECTION A BASE DE NANOTUBES DE CARBONE ET SYSTEME DE SURVEILLANCE ET DE MAPPAGE D'UNE FORCE, D'UNE DEFORMATION ET D'UNE CONTRAINTE**
[72] BEAUVAIS, JACQUES, CA
[72] BOISSY, PATRICK, CA
[72] GENEST, JONATHAN, CA
[72] SAUVE, ANNICK, CA
[73] SOCIETE DE COMMERCIALISATION DES PRODUITS DE LA RECHERCHE APPLIQUEE - SOCPRA-SCIENCES ET GENIE S.E.C., CA
[85] 2012-06-18
[86] 2010-12-29 (PCT/CA2010/002071)
[87] (WO2011/079390)
[30] US (61/291,183) 2009-12-30

---

[11] **2,785,411**
[13] C
[51] **Int.Cl. C01F 17/00 (2006.01) B01D 53/86 (2006.01) B01J 23/10 (2006.01) B01J 33/00 (2006.01) F01N 3/10 (2006.01)**
[25] EN
[54] **COMPLEX OXIDE, METHOD FOR PRODUCING SAME, AND EXHAUST GAS PURIFYING CATALYST**
[54] **OXYDE COMPLEXE, PROCEDE DE FABRICATION DE CELUI-CI, ET CATALYSEUR DE PURIFICATION DE GAZ D'ECHAPPEMENT**
[72] OHTAKE, NAOTAKA, JP
[72] YOKOTA, KAZUHIKO, CN
[73] SOLVAY SPECIAL CHEM JAPAN, LTD., JP
[85] 2012-06-22
[86] 2010-12-24 (PCT/JP2010/073306)
[87] (WO2011/078315)
[30] JP (2009-294338) 2009-12-25

---

[11] **2,785,493**
[13] C
[51] **Int.Cl. G06F 3/041 (2006.01) G06F 13/38 (2006.01)**
[25] EN
[54] **GAME PIECES FOR USE WITH TOUCH SCREEN DEVICES AND RELATED METHODS**
[54] **PIECES DE JEU A UTILISER AVEC DES APPAREILS A ECRAN TACTILE ET METHODES CONNEXES**
[72] HEATHERLY, CHRISTOPHER W., US
[72] MKRTCHYAN, ARMEN, US
[72] BACKER, JONATHAN, US
[72] WHITE, BRIAN, US
[73] DISNEY ENTERPRISES, INC., US
[86] (2785493)
[87] (2785493)
[22] 2012-08-13
[30] US (13/229,593) 2011-09-09

---

[11] **2,786,503**
[13] C
[51] **Int.Cl. A61H 23/04 (2006.01)**
[25] EN
[54] **MEDICAL VEST FOR HIGH FREQUENCY CHEST WALL OSCILLATION TREATMENT**
[54] **VESTE MEDICALE DESTINEE AU TRAITEMENT PAR OSCILLATION HAUTE FREQUENCE DE LA PAROI THORACIQUE**
[72] MITCHELL, BARRETT REED, FR
[72] LUPI, FABIO, IT
[72] GIANANGELI, PAOLO, IT
[72] POLDI, GIOVANNI, IT
[72] MALERBA, GIULIO, IT
[72] PONTESILLI, MARCO, IT
[73] RESPINNOVATION, FR
[85] 2012-07-05
[86] 2011-01-18 (PCT/EP2011/050603)
[87] (WO2011/086200)
[30] EP (10305050.6) 2010-01-18
[30] EP (10305051.4) 2010-01-18

[11] **2,786,864**
[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/14 (2006.01)**
[25] EN
[54] **NETWORK BASED SERVICE POLICY IMPLEMENTATION WITH NETWORK NEUTRALITY AND USER PRIVACY**
[54] **MISE EN OEUVRE DE POLITIQUES DE SERVICE BASEE SUR UN RESEAU AVEC NEUTRALITE DU RESEAU ET CONFIDENTIALITE POUR L'UTILISATEUR**
[72] RALEIGH, GREGORY G., US
[73] HEADWATER RESEARCH LLC, US
[85] 2012-07-11
[86] 2010-01-15 (PCT/US2010/021232)
[87] (WO2010/088076)
[30] US (61/206,354) 2009-01-28
[30] US (61/206,944) 2009-02-04
[30] US (61/207,393) 2009-02-10
[30] US (61/207,739) 2009-02-13
[30] US (12/380,768) 2009-03-02

---

[11] **2,786,881**
[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) H04W 28/16 (2009.01)**
[25] EN
[54] **VERIFIABLE AND ACCURATE SERVICE USAGE MONITORING FOR INTERMEDIATE NETWORKING DEVICES**
[54] **CONTROLE DE L'UTILISATION DE SERVICES VERIFIABLES ET PRECIS POUR DISPOSITIFS DE RESEAUTAGE INTERMEDIAIRES**
[72] RALEIGH, GREGORY G., US
[73] HEADWATER RESEARCH LLC, US
[85] 2012-07-11
[86] 2010-01-19 (PCT/US2010/021387)
[87] (WO2010/088096)
[30] US (61/206,354) 2009-01-28
[30] US (61/206,944) 2009-02-04
[30] US (61/207,393) 2009-02-10
[30] US (61/207,739) 2009-02-13
[30] US (12/380,774) 2009-03-02

---

[11] **2,787,885**
[13] C
[51] **Int.Cl. B60B 19/00 (2006.01) B60B 9/00 (2006.01)**
[25] EN
[54] **DEFORMABLE WHEEL ASSEMBLY**
[54] **ENSEMBLE ROUE DEFORMABLE**
[72] NOVOPLANSKI, AVISHAY, IL
[73] GALILEO WHEEL LTD., IL
[85] 2012-07-23
[86] 2011-02-01 (PCT/IL2011/000115)
[87] (WO2011/092709)
[30] US (61/300,159) 2010-02-01
[30] US (61/359,161) 2010-06-28

---

[11] **2,788,724**
[13] C
[51] **Int.Cl. B43K 24/04 (2006.01) B43K 7/12 (2006.01) B43K 25/02 (2006.01) B43K 29/02 (2006.01)**
[25] EN
[54] **WRITING INSTRUMENT**
[54] **OUTIL D'ECRITURE**
[72] ITO, YOSHIHIRO, JP
[73] THE PILOT INK CO., LTD., JP
[73] KABUSHIKI KAISHA PILOT CORPORATION(ALSO TRADING AS PILOT CORPORATION), JP
[85] 2012-07-31
[86] 2011-01-31 (PCT/JP2011/051905)
[87] (WO2011/096357)
[30] JP (2010-022530) 2010-02-03
[30] JP (2010-121032) 2010-05-26
[30] JP (2010-145649) 2010-06-25
[30] JP (2010-145648) 2010-06-25
[30] JP (2010-145650) 2010-06-25

---

[11] **2,788,840**
[13] C
[51] **Int.Cl. C09K 8/588 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR ENHANCED HYDROCARBONS RECOVERY**
[54] **PROCEDE ET COMPOSITION POUR RECUPERATION AMELIOREE D'HYDROCARBURES**
[72] BARNES, JULIAN RICHARD, NL
[72] DIRKZWAGER, HENDRIK, NL
[72] NAVARRETE, REINALDO CONRADO, US
[72] SEMPLE, THOMAS CARL, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2012-07-31
[86] 2011-02-09 (PCT/US2011/024165)
[87] (WO2011/100301)
[30] US (61/303,969) 2010-02-12

---

[11] **2,789,050**
[13] C
[51] **Int.Cl. A61B 50/30 (2016.01) A61F 2/24 (2006.01) B65D 85/30 (2006.01)**
[25] EN
[54] **PROSTHETIC HEART VALVE PACKAGING SYSTEM**
[54] **SYSTEME D'EMBALLAGE D'UNE PROTHESE DE VALVULE CARDIAQUE**
[72] MURAD, MICHAEL C., US
[72] VAN NEST, MARK, US
[72] LAU, JACKIE, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2012-08-06
[86] 2011-02-15 (PCT/US2011/024904)
[87] (WO2011/100745)
[30] US (61/304,722) 2010-02-15
[30] US (13/026,841) 2011-02-14

[11] **2,789,136**
[13] C
[51] **Int.Cl. B62D 55/28 (2006.01)**
[25] EN
[54] **A DEVICE TO ENHANCE THE TRACTION OF A TRACKED VEHICLE**
[54] **DISPOSITIF PERMETTANT D'AMELIORER LA TRACTION D'UN VEHICULE A CHENILLES**
[72] BURLING, JOHN MENZIES, NZ
[73] BURLING, JOHN MENZIES, NZ
[85] 2012-08-07
[86] 2011-02-08 (PCT/NZ2011/000015)
[87] (WO2011/096829)
[30] US (61/302,315) 2010-02-08
[30] US (61/312,793) 2010-03-11
[30] US (61/376,467) 2010-08-24

[11] **2,789,341**
[13] C
[51] **Int.Cl. B01J 8/36 (2006.01) B01J 8/44 (2006.01)**
[25] EN
[54] **FLOW ACCEPTING BASE FOR A FLUIDIZING APPARATUS**
[54] **FOND DE SOUFFLAGE POUR UN APPAREIL DE FLUIDISATION**
[72] STANKE, KLAUS, DE
[72] KROHL, PAUL, DE
[73] ANDRITZ TECHNOLOGY AND ASSET MANAGEMENT GMBH, AT
[85] 2012-08-09
[86] 2011-01-20 (PCT/AT2011/000035)
[87] (WO2011/097660)
[30] AT (A 207/2010) 2010-02-12

[11] **2,789,758**
[13] C
[51] **Int.Cl. A61L 31/04 (2006.01) A61L 31/14 (2006.01)**
[25] EN
[54] **BIOABSORBABLE MESH FOR SURGICAL IMPLANTS**
[54] **MAILLE BIOABSORBABLE POUR IMPLANTS CHIRURGICAUX**
[72] KOULLICK, EDOUARD A., US
[72] JADHAV, BALKRISHNA S., US
[72] GRANT, ROBERT C., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2012-08-14
[86] 2011-02-16 (PCT/US2011/025015)
[87] (WO2011/103141)
[30] US (61/305,048) 2010-02-16

[11] **2,789,835**
[13] C
[51] **Int.Cl. E05D 7/00 (2006.01)**
[25] EN
[54] **HEAVY DUTY RISER HINGE**
[54] **CHARNIERE DE CONDUITE ROBUSTE**
[72] MITCHELL, BRETT A., US
[72] THORSEN, THOMAS A., US
[73] KASON INDUSTRIES, INC., US
[86] (2789835)
[87] (2789835)
[22] 2012-09-14
[30] US (13/234,577) 2011-09-16

[11] **2,789,848**
[13] C
[51] **Int.Cl. B60J 10/00 (2016.01) B60J 10/26 (2016.01) B60J 10/86 (2016.01)**
[25] EN
[54] **SEAL FOR AUTOMOTIVE VEHICLE DOOR**
[54] **JOINT POUR PORTE DE VEHICULE AUTOMOBILE**
[72] CHIATTI, MAURO, IT
[73] COOPER-STANDARD AUTOMOTIVE ITALY S.P.A., IT
[85] 2012-08-14
[86] 2011-03-02 (PCT/IB2011/050885)
[87] (WO2011/107947)
[30] IT (TO2010A000169) 2010-03-05

[11] **2,791,241**
[13] C
[51] **Int.Cl. E21B 47/06 (2012.01) G01V 9/00 (2006.01)**
[25] EN
[54] **PRESSURE SENSOR ARRANGEMENT USING AN OPTICAL FIBER AND METHODOLOGIES FOR PERFORMING AN ANALYSIS OF A SUBTERRANEAN FORMATION**
[54] **AGENCEMENT DE CAPTEURS DE PRESSION UTILISANT UNE FIBRE OPTIQUE ET METHODOLOGIES POUR REALISER UNE ANALYSE D'UNE FORMATION SOUTERRAINE**
[72] VINCELETTE, ANDRE R., CA
[72] LEFEBVRE, PAUL, CA
[72] KIDDY, JASON S., US
[72] NIEMCZUK, JOHN B., US
[72] BALDWIN, CHRISTOPHER S., US
[73] WEATHERFORD CANADA PARTNERSHIP, CA
[86] (2791241)
[87] (2791241)
[22] 2010-04-22
[62] 2,744,734
[30] US (61/202,945) 2009-04-22

[11] **2,792,080**
[13] C
[51] **Int.Cl. B05B 11/00 (2006.01) B05B 7/02 (2006.01) B05B 7/24 (2006.01) B65D 81/32 (2006.01) B65D 83/76 (2006.01)**
[25] EN
[54] **DISPENSER DEVICE AND CONTAINER**
[54] **DISTRIBUTEUR ET RECIPIENT**
[72] USCHOLD, ROBERT C., US
[72] KARG, JEFFREY A., US
[72] CATINELLA, CHRISTOPHER M., US
[72] LORE, VITO, US
[73] WOODS DISPENSING SYSTEMS, LLC, US
[85] 2012-09-05
[86] 2011-03-09 (PCT/US2011/027743)
[87] (WO2011/112711)
[30] US (61/311,829) 2010-03-09

[11] **2,792,238**
[13] C
[51] **Int.Cl. B60L 11/18 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **SYSTEM, DEVICES AND METHOD FOR CHARGING A BATTERY OF AN ELECTRIC VEHICLE**
[54] **SYSTEME, DISPOSITIFS ET PROCEDE POUR LE CHARGEMENT D'UNE BATTERIE D'UN VEHICULE ELECTRIQUE**
[72] BOUMAN, CRIJN, NL
[73] ABB B.V., NL
[85] 2012-09-05
[86] 2011-03-03 (PCT/NL2011/050146)
[87] (WO2011/108925)
[30] NL (2004350) 2010-03-05

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[11] **2,792,392**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/282 (2006.01) A61K 31/40 (2006.01) A61K 31/4178 (2006.01) A61K 31/485 (2006.01) A61P 1/08 (2006.01)**
[25] EN
[54] **THE USE OF AMISULPRIDE AS AN ANTI-EMETIC**
[54] **UTILISATION DE L'AMISULPRIDE EN TANT QU'ANTIEMETIQUE**
[72] GILBERT, JULIAN CLIVE, GB
[72] GRISTWOOD, ROBERT WILLIAM, GB
[72] COOPER, NICOLA, GB
[72] FOX, GABRIEL, GB
[73] ACACIA PHARMA LIMITED, GB
[85] 2012-09-06
[86] 2011-03-10 (PCT/GB2011/050472)
[87] (WO2011/110854)
[30] GB (1004020.2) 2010-03-11

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[11] **2,792,598**
[13] C
[51] **Int.Cl. C07C 323/57 (2006.01) A61K 31/195 (2006.01) A61P 25/18 (2006.01) C07D 211/80 (2006.01) C07D 309/02 (2006.01)**
[25] EN
[54] **IMPROVED CYSTEINE-BASED PRODRUGS USEFUL IN THE TREATMENT OF SCHIZOPHRENIA**
[54] **PROMEDICAMENTS AMELIORES A BASE DE CYSTEINE UTILES POUR LE TRAITEMENT DE LA SCHIZOPHRENIE**
[72] WOLF, MARK A., US
[72] BARNES, KEITH D., US
[73] PROMENTIS PHARMACEUTICALS, INC., US
[85] 2012-09-10
[86] 2011-03-08 (PCT/US2011/027476)
[87] (WO2011/112535)
[30] US (61/312,625) 2010-03-10

---

[11] **2,793,360**
[13] C
[51] **Int.Cl. A01C 7/04 (2006.01) A01C 5/06 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **ROW UNIT FOR A PLANTER, PLANTER AND METHOD FOR PLANTING**
[54] **RAYONNEUR POUR PLANTEUSE, PLANTEUSE ET PROCEDE DE PLANTATION**
[72] STARK, MAGNUS, SE
[73] VADERSTAD HOLDING AB, SE
[85] 2012-09-14
[86] 2011-03-22 (PCT/SE2011/050318)
[87] (WO2011/119095)
[30] SE (1050271-4) 2010-03-23

---

[11] **2,793,488**
[13] C
[51] **Int.Cl. A61F 2/08 (2006.01) A61F 2/00 (2006.01) A61F 6/08 (2006.01)**
[25] EN
[54] **INTRA-VAGINAL DEVICE FOR FECAL INCONTINENCE**
[54] **DISPOSITIF INTRAVAGINAL POUR L'INCONTINENCE FECALE**
[72] HERBOWY, STEVEN LAWRENCE, US
[72] ROSEN, MILES HARRIS, US
[72] BRENNER, JACOB SAMUEL, US
[73] PELVALON, INC., US
[85] 2012-09-13
[86] 2011-03-16 (PCT/US2011/028691)
[87] (WO2011/116108)
[30] US (61/314,335) 2010-03-16
[30] US (61/367,418) 2010-07-25

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[11] **2,794,159**
[13] C
[51] **Int.Cl. G02F 1/15 (2006.01) C08G 61/12 (2006.01) C08L 65/00 (2006.01) C09K 9/00 (2006.01)**
[25] EN
[54] **FORMATION OF CONJUGATED POLYMERS FOR SOLID-STATE DEVICES**
[54] **FORMATION DE POLYMERES CONJUGUES POUR DISPOSITIFS A L'ETAT SOLIDE**
[72] SOTZING, GREGORY A., US
[72] INVERNALE, MICHAEL ANTHONY, US
[73] UNIVERSITY OF CONNECTICUT, US
[85] 2012-09-24
[86] 2011-03-23 (PCT/US2011/029512)
[87] (WO2011/119664)
[30] US (61/317,457) 2010-03-25

[11] **2,794,718**
[13] C
[51] **Int.Cl. C08L 33/26 (2006.01) C08F 20/56 (2006.01) C08K 7/02 (2006.01) C08L 27/04 (2006.01)**
[25] EN
[54] **ALDEHYDE-FUNCTIONALIZED POLYMERS WITH ENHANCED STABILITY**
[54] **POLYMERES FONCTIONNALISES PAR ALDEHYDE AVEC UNE STABILITE ACCRUE**
[72] BODE, HEINRICH E., US
[72] ST. JOHN, MICHAEL R., US
[72] LIU, MEI, US
[72] LOWE, ROBERT M., US
[73] NALCO COMPANY, US
[85] 2012-09-27
[86] 2010-12-17 (PCT/US2010/061040)
[87] (WO2011/075650)
[30] US (12/641,557) 2009-12-18

---

[11] **2,795,523**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/56 (2006.01) C07D 487/04 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **BICYCLIC PYRIMIDINYL PYRAZOLES**
[54] **PYRIDINYLPYRAZOLES BICYCLIQUES**
[72] MATTES, AMOS, DE
[72] HELMKE, HENDRIK, DE
[72] HILLEBRAND, STEFAN, DE
[72] PERIS, GORKA, DE
[72] SUDAU, ALEXANDER, DE
[72] RODEFELD, LARS, DE
[72] GAUGER, STEFAN, DE
[72] BENTING, JUERGEN, DE
[72] DAHMEN, PETER, DE
[72] MEISSNER, RUTH, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] HADANO, HIROYUKI, JP
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2012-10-04
[86] 2011-04-04 (PCT/EP2011/055153)
[87] (WO2011/124539)
[30] US (61/321,704) 2010-04-07
[30] EP (10159210.3) 2010-04-07

---

[11] **2,796,165**
[13] C
[51] **Int.Cl. A01D 34/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE GAURD ASSEMBLY FOR A SICKLE KNIFE**
[54] **DISPOSITIF DE PROTECTION AJUSTABLE POUR UN COUTEAU A FAUCILLE**
[72] TALBOT, FRANCOIS R., CA
[72] REMILLARD, RHEAL G., CA
[73] MACDON INDUSTRIES LTD., CA
[86] (2796165)
[87] (2796165)
[22] 2012-11-19
[30] US (61577427) 2011-12-19

---

[11] **2,796,289**
[13] C
[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **SYSTEM COMPRISING A PLURALITY OF DISTRIBUTION DEVICES AND DISTRIBUTION DEVICE**
[54] **SYSTEME COMPRENANT UNE PLURALITE DE DISPOSITIFS DE DISTRIBUTION, ET DISPOSITIF DE DISTRIBUTION**
[72] FABRYKOWSKI, GRZEGORZ, PL
[72] MUELLER, MICHAEL A., DE
[73] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2012-10-12
[86] 2011-03-30 (PCT/US2011/030448)
[87] (WO2011/130000)
[30] US (61/325,082) 2010-04-16
[30] US (61/407,713) 2010-10-28

---

[11] **2,796,333**
[13] C
[51] **Int.Cl. E04B 1/24 (2006.01) E04B 1/58 (2006.01)**
[25] EN
[54] **BOLTED STEEL CONNECTIONS WITH 3-D JACKET PLATES AND TENSION RODS**
[54] **ASSEMBLAGES BOULONNES EN ACIER DOTES DE PLAQUES DE GAINE TRIDIMENSIONNELLES ET DE TIGES DE TENSION**
[72] YANG, WEIHONG, US
[73] YANG, WEIHONG, US
[85] 2012-10-12
[86] 2011-03-31 (PCT/US2011/030780)
[87] (WO2011/133308)
[30] US (12/804,602) 2010-04-19

---

[11] **2,797,289**
[13] C
[51] **Int.Cl. B23K 9/025 (2006.01) B23K 9/16 (2006.01) B23K 9/173 (2006.01) B23K 9/20 (2006.01) B23K 9/23 (2006.01) B23K 35/38 (2006.01)**
[25] FR
[54] **METHOD FOR ARC-WELDING ALUMINUM-COATED METAL PARTS USING AN INERT GAS CONTAINING NITROGEN**
[54] **PROCEDE DE SOUDAGE A L'ARC, AVEC GAZ INERTE CONTENANT DE L'AZOTE, DE PIECES METALLIQUES ALUMINIEES**
[72] BERTIN, PASCAL, FR
[72] DUBET, OLIVIER, FR
[72] GADREY, SEBASTIEN, FR
[72] RICHARD, FREDERIC, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2012-10-23
[86] 2011-05-05 (PCT/FR2011/051014)
[87] (WO2012/022862)
[30] FR (1055688) 2010-07-13

---

[11] **2,797,509**
[13] C
[51] **Int.Cl. A61M 16/00 (2006.01) A61M 15/00 (2006.01) A62B 7/00 (2006.01) A62B 9/00 (2006.01) G08B 1/00 (2006.01) H05B 1/00 (2006.01)**
[25] EN
[54] **WATER OUT ALARM**
[54] **ALARME D'EPUISEMENT D'EAU**
[72] BARKER, DEAN, NZ
[72] HSU, JACK, NZ
[72] HAN, JOHN, NZ
[73] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2012-10-25
[86] 2011-04-26 (PCT/NZ2011/000058)
[87] (WO2011/136664)
[30] US (61/328,548) 2010-04-27

[11] **2,797,835**
[13] C
[51] **Int.Cl. B64D 27/10 (2006.01) B64C 7/02 (2006.01) B64D 27/26 (2006.01) B64D 35/00 (2006.01)**
[25] EN
[54] **AIRCRAFT PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION D'AERONEF**
[72] VETTERS, DANIEL KENT, US
[72] CEDOZ, ROBERT W., US
[72] EAMES, DAVID, US
[73] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[85] 2012-10-29
[86] 2011-04-27 (PCT/US2011/034082)
[87] (WO2012/011996)
[30] US (12/768,585) 2010-04-27

---

[11] **2,798,161**
[13] C
[51] **Int.Cl. C07G 1/00 (2011.01) C08J 3/20 (2006.01) C08K 11/00 (2006.01) C09K 15/34 (2006.01)**
[25] EN
[54] **DERIVATIVES OF NATIVE LIGNIN FROM SOFTWOOD FEEDSTOCKS**
[54] **DERIVES DE LIGNINE NATURELLE PROVENANT DE CHARGES D'ALIMENTATION DE BOIS DE CONIFERES**
[72] BALAKSHIN, MIKHAIL YUREVICH, CA
[72] BERLIN, ALEX, CA
[72] DELLICOLLI, HUMBERT THOMAS, US
[72] GRUNERT, CHADRICK ADAM NATHANIEL JORDAN, CA
[72] GUTMAN, VERA MAXIMENKO, CA
[72] ORTIZ, DARWIN, CA
[72] PYE, EDWARD KENDALL, US
[73] FIBRIA INNOVATIONS INC., CA
[85] 2012-11-01
[86] 2010-02-15 (PCT/CA2010/000210)
[87] (WO2010/135806)
[30] US (61/182,044) 2009-05-28
[30] US (61/223,345) 2009-08-12

---

[11] **2,799,479**
[13] C
[51] **Int.Cl. A01J 5/017 (2006.01)**
[25] EN
[54] **A GRIPPER, A MILKING ROBOT AND A MILKING ARRANGEMENT**
[54] **PINCE, ROBOT DE TRAITE ET AMENAGEMENT POUR TRAITE**
[72] AXELSSON, THOMAS, SE
[73] DELAVAL HOLDING AB, SE
[85] 2012-11-14
[86] 2011-06-10 (PCT/EP2011/059680)
[87] (WO2011/157647)
[30] US (61/355,759) 2010-06-17
[30] SE (1050621-0) 2010-06-17

---

[11] **2,800,832**
[13] C
[51] **Int.Cl. C01B 3/36 (2006.01) C01B 3/16 (2006.01) C01B 3/38 (2006.01) C10G 45/32 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF SYNTHESIS GAS**
[54] **PROCEDE POUR LA PREPARATION DE GAZ DE SYNTHESE**
[72] AASBERG-PETERSEN, KIM, DK
[72] NIELSEN, POUL ERIK HOEJLUND, DK
[72] CHRISTENSEN, PETER SEIER, DK
[72] NIELSEN, CHARLOTTE STUB, DK
[72] TEMEL, BURCIN, DK
[73] HALDOR TOPSOEE A/S, DK
[85] 2012-11-27
[86] 2011-05-13 (PCT/EP2011/002378)
[87] (WO2011/151012)
[30] DK (PA 2010 00474) 2010-06-01

---

[11] **2,800,881**
[13] C
[51] **Int.Cl. B62D 55/24 (2006.01)**
[25] EN
[54] **LUGS OF CONTINUOUS RUBBER TRACKS FOR TRACK VEHICLES**
[54] **ERGOTS DE CHENILLES CONTINUES EN CAOUTCHOUC POUR VEHICULES A CHENILLES**
[72] RESHAD, JAMSHEED, US
[72] TIEDE, DUANE, US
[73] ATI, INC., US
[85] 2012-11-26
[86] 2011-05-24 (PCT/US2011/037670)
[87] (WO2011/149887)
[30] US (12/788,906) 2010-05-27

---

[11] **2,801,380**
[13] C
[51] **Int.Cl. B03B 5/62 (2006.01) B01J 8/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SEPARATING LOW DENSITY PARTICLES FROM FEED SLURRIES**
[54] **PROCEDE ET APPAREIL DE SEPARATION DE PARTICULES BASSE DENSITE A PARTIR DE BOUES D'ALIMENTATION**
[72] GALVIN, KEVIN PATRICK, AU
[73] NEWCASTLE INNOVATION LIMITED, AU
[85] 2012-12-03
[86] 2011-06-02 (PCT/AU2011/000682)
[87] (WO2011/150455)
[30] AU (2010902439) 2010-06-03

---

[11] **2,801,381**
[13] C
[51] **Int.Cl. G01P 5/00 (2006.01)**
[25] EN
[54] **VELOCITY PROFILE MAPPING SYSTEM**
[54] **SYSTEME DE CARTOGRAPHIE D'UN PROFIL DE VITESSE**
[72] KOEHN, JASON ANDREW, US
[72] WHITLEY, JAMES K., US
[72] SNELL, SHAWN PAUL, US
[73] THE BOEING COMPANY, US
[86] (2801381)
[87] (2801381)
[22] 2013-01-11
[30] US (13/431,582) 2012-03-27

---

[11] **2,801,698**
[13] C
[51] **Int.Cl. F02C 6/02 (2006.01)**
[25] FR
[54] **METHOD AND ARCHITECTURE FOR RECOMBINING THE POWER OF A TURBOMACHINE**
[54] **PROCEDE ET ARCHITECTURE DE RECOMBINAISON DE PUISSANCE DE TURBOMACHINE**
[72] BEDRINE, OLIVIER, FR
[72] MARCONI, PATRICK, FR
[72] PUERTO, ALPHONSE, FR
[73] TURBOMECA, FR
[85] 2012-12-05
[86] 2011-07-05 (PCT/FR2011/051585)
[87] (WO2012/004516)
[30] FR (1055460) 2010-07-06

[11] **2,802,143**
[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 31/513 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SPARC ENCODING POLYNUCLEOTIDE AS A CANCER THERAPY SENSITIZER**
[54] **POLYNUCLEOTIDE CODANT UN SPARC COMME AGENT SENSIBILISANT DE THERAPIE DU CANCER**
[72] TAI, ISABELLA T., CA
[72] CHEN, LAN BO, US
[73] DANA-FARBER CANCER INSTITUTE, US
[86] (2802143)
[87] (2802143)
[22] 2004-01-14
[62] 2,513,251
[30] US (60/440,009) 2003-01-14

[11] **2,803,193**
[13] C
[51] **Int.Cl. B60Q 3/46 (2017.01) B60Q 3/80 (2017.01) B61D 29/00 (2006.01) H05B 33/08 (2006.01) H02J 9/00 (2006.01)**
[25] EN
[54] **RAIL VEHICLE EMERGENCY LIGHTING**
[54] **ECLAIRAGE DE SECOURS DE VEHICULE SUR RAILS**
[72] AMBROZ, ANTON, AT
[72] ULREICH, KLAUS, AT
[73] SIEMENS AG OESTERREICH, AT
[85] 2012-12-19
[86] 2011-05-19 (PCT/EP2011/058168)
[87] (WO2011/160903)
[30] AT (A1020/2010) 2010-06-21

[11] **2,803,231**
[13] C
[51] **Int.Cl. A61F 2/46 (2006.01) A61F 2/00 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **INSERTION INSTRUMENT FOR INSERTING SOCKET INSERTS INTO HIP SOCKETS FOR HIP ENDOPROSTHESES**
[54] **INSTRUMENT D'INSERTION POUR LA MISE EN PLACE D'INSERTS ACETABULAIRES POUR PROTHESES DE HANCHE**
[72] PREUSS, ROMAN, DE
[72] WOLF, HEIKE, DE
[72] WEISS, TOBIAS, DE
[72] KILCHENMANN, THOMAS, CH
[72] GRIESMAYR, GOETZ, DE
[72] MUHR-SCHENK, MANUELA, DE
[73] CERAMTEC GMBH, DE
[85] 2012-12-19
[86] 2011-06-22 (PCT/EP2011/060455)
[87] (WO2011/161166)
[30] DE (10 2010 030 540.5) 2010-06-25
[30] DE (10 2011 004 689.5) 2011-02-24

[11] **2,803,250**
[13] C
[51] **Int.Cl. F01C 21/08 (2006.01) F01C 19/00 (2006.01) F01C 21/02 (2006.01)**
[25] EN
[54] **SHROUD FOR ROTARY ENGINE**
[54] **CARCASSE POUR MOTEUR ROTATIF**
[72] GOTTFRIED, KRISTJAN, CA
[72] JUAN, ALEJANDRO, CA
[72] PATTERSON, CURTIS, CA
[73] EXPONENTIAL TECHNOLOGIES, INC., CA
[85] 2012-12-11
[86] 2011-06-17 (PCT/CA2011/050369)
[87] (WO2011/156924)
[30] US (61/355,880) 2010-06-17

[11] **2,804,021**
[13] C
[51] **Int.Cl. B60H 1/00 (2006.01)**
[25] EN
[54] **A VENTILATION SYSTEM FOR A POWER MACHINE**
[54] **SYSTEME DE VENTILATION POUR UNE MACHINE GENERATRICE D'ENERGIE**
[72] HILL, AARON G., US
[73] CLARK EQUIPMENT COMPANY, US
[85] 2012-12-27
[86] 2012-03-08 (PCT/US2012/028217)
[87] (WO2012/125394)
[30] US (61/451,712) 2011-03-11

[11] **2,804,270**
[13] C
[51] **Int.Cl. B60P 3/40 (2006.01) B60R 9/06 (2006.01) B62D 33/027 (2006.01)**
[25] EN
[54] **TRUCK BED EXTENSION**
[54] **EXTENSION DE PLATEAU DE CAMION**
[72] LEPAGE, DEAN, CA
[73] LEPAGE, DEAN, CA
[85] 2013-01-02
[86] 2011-07-04 (PCT/CA2011/000769)
[87] (WO2012/003574)
[30] CA (2708996) 2010-07-05

[11] **2,804,364**
[13] C
[51] **Int.Cl. B29C 44/12 (2006.01) F16L 59/14 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING AN INSULATED PIPE USING A BAG**
[54] **PROCEDE POUR PRODUIRE UN TUYAU ISOLE AU MOYEN D'UNE ENVELOPPE**
[72] JENSEN, KNUD HJORT, DK
[73] LOGSTOR A/S, DK
[85] 2013-01-03
[86] 2011-06-23 (PCT/EP2011/060560)
[87] (WO2012/004135)
[30] EP (10006907.9) 2010-07-05

[11] **2,805,166**
[13] C
[51] **Int.Cl. C12Q 1/00 (2006.01) A61L 2/28 (2006.01) C12M 1/34 (2006.01) C12Q 1/18 (2006.01) C12Q 1/22 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING A STERILIZATION PROCESS**
[54] **PROCEDE DE SURVEILLANCE D'UN PROCEDE DE STERILISATION**
[72] FRANCISKOVICH, PHILLIP P., US
[72] CREGGER, TRICIA A., US
[73] AMERICAN STERILIZER COMPANY, US
[85] 2013-01-11
[86] 2011-06-16 (PCT/US2011/040701)
[87] (WO2012/012055)
[30] US (61/355,307) 2010-07-20

[11] **2,806,241**
[13] C
[51] **Int.Cl. G01V 1/28 (2006.01) G01V 1/00 (2006.01) G01V 1/36 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATING INDEPENDENT SIMULTANEOUS SOURCES**
[54] **PROCEDE DE SEPARATION DE SOURCES SIMULTANEES INDEPENDANTES**
[72] ABMA, RAYMOND L., US
[73] BP CORPORATION NORTH AMERICA INC., US
[85] 2013-01-21
[86] 2011-07-26 (PCT/US2011/045362)
[87] (WO2012/018622)

[11] **2,807,203**
[13] C
[51] **Int.Cl. A61B 17/03 (2006.01) A61B 17/132 (2006.01)**
[25] EN
[54] **LOCKABLE ATTACHMENT AND STYPTIC DEVICE INCLUDING SAME**
[54] **ATTACHE BLOCABLE ET DISPOSITIF HEMOSTATIQUE COMPRENANT LADITE ATTACHE**
[72] BELANGER, GUY, CA
[72] GENDRON, BEN, CA
[72] MERCIER, NORMAND, CA
[73] BENRIKAL SERVICES INC., CA
[85] 2013-01-31
[86] 2011-08-09 (PCT/CA2011/000903)
[87] (WO2012/019281)
[30] US (61/344,501) 2010-08-09

[11] **2,807,720**
[13] C
[51] **Int.Cl. H04W 4/40 (2018.01) H04W 4/12 (2009.01) H04M 3/533 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS PERTAINING TO THE DYNAMIC HANDLING OF INCOMING CALLS**
[54] **PROCEDE ET APPAREIL CONCERNANT LE TRAITEMENT DYNAMIQUE DES APPELS ENTRANTS**
[72] MORI, ROBERT FELICE, US
[72] YURKONIS, PHILIP GABRIEL, US
[73] BLACKBERRY LIMITED, CA
[86] (2807720)
[87] (2807720)
[22] 2013-02-27
[30] US (13/405,822) 2012-02-27

[11] **2,807,800**
[13] C
[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01) A61M 35/00 (2006.01)**
[25] EN
[54] **WOUND TREATMENT AND CONTAINMENT ARRANGEMENT**
[54] **AGENCEMENT DE CONFINEMENT DE TRAITEMENT DES PLAIES**
[72] MARASCO, PATRICK V., DR., US
[73] PULSECARE MEDICAL LLC, US
[85] 2013-02-07
[86] 2011-07-27 (PCT/US2011/045479)
[87] (WO2012/021288)
[30] US (12/806,290) 2010-08-09

[11] **2,807,947**
[13] C
[51] **Int.Cl. C07D 251/46 (2006.01) A61K 31/53 (2006.01) A61K 31/5377 (2006.01) A61K 31/55 (2006.01) A61P 13/10 (2006.01) A61P 25/04 (2006.01) A61P 43/00 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/06 (2006.01) C07D 403/12 (2006.01) C07D 405/06 (2006.01) C07D 405/12 (2006.01) C07D 409/06 (2006.01) C07D 413/06 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/06 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **TRIAZINE DERIVATIVE AND PHARMACEUTICAL COMPOUND THAT CONTAINS SAME AND EXHIBITS ANALGESIC ACTIVITY**
[54] **DERIVE DE TRIAZINE ET COMPOSITION PHARMACEUTIQUE PRESENTANT UNE ACTIVITE ANALGESIQUE A TENEUR EN DERIVE DE TRIAZINE**
[72] KAI, HIROYUKI, JP
[72] KAMEYAMA, TAKAYUKI, JP
[72] HORIGUCHI, TOHRU, JP
[72] ASAHI, KENTARO, JP
[72] ENDOH, TAKESHI, JP
[72] FUJII, YASUHIKO, JP
[72] SHINTANI, TAKUYA, JP
[72] NAKAMURA, KEN'ICHIROH, JP
[72] JIKIHARA, SAE, JP
[72] HASEGAWA, TSUYOSHI, JP
[72] OOHARA, MIHO, JP
[72] TADA, YUKIO, JP
[72] MAKI, TOSHIKATSU, JP
[72] IIDA, AKIRA, JP
[73] SHIONOGI & CO., LTD., JP
[85] 2013-02-08
[86] 2011-08-09 (PCT/JP2011/068113)
[87] (WO2012/020749)
[30] JP (2010-179350) 2010-08-10
[30] JP (2010-182803) 2010-08-18
[30] JP (2011-074763) 2011-03-30

[11] **2,809,221**
[13] C
[51] **Int.Cl. G06F 11/34 (2006.01) G06F 1/32 (2006.01)**
[25] EN
[54] **GENERATION OF ENERGY CONSUMPTION PROFILES**
[54] **CREATION DE PROFILS DE CONSOMMATION D'ENERGIE**
[72] VASAN, ARUNCHANDAR, IN
[72] SIVASUBRAMANIAM, ANAND, US
[72] JAYAPRAKASH, RAJESH, IN
[72] RAJARAM, PERUMAL, IN
[72] SUBBIAH, RAJESH, IN
[72] ORVAKANTI, PRAVEEN, IN
[72] THIRUNAVUKKARASU, SIVABALAN, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
[85] 2013-02-22
[86] 2011-08-23 (PCT/IN2011/000565)
[87] (WO2012/025938)
[30] IN (2385/MUM/2010) 2010-08-26

---

[11] **2,809,499**
[13] C
[51] **Int.Cl. F16G 13/12 (2006.01) B21L 9/08 (2006.01) F16G 15/12 (2006.01)**
[25] EN
[54] **WEAR CRUTCHES FOR LINKING MEMBERS**
[54] **PERFECTIONNEMENTS APPORTES A DES ELEMENTS DE LIAISON**
[72] OGDEN, GLEN JOHN, AU
[72] AGNEW, GREGORY JAMES, AU
[73] OGDEN, GLEN JOHN, AU
[73] DAVID SCOTT HOLDINGS PTY LTD, AU
[85] 2013-02-26
[86] 2011-08-26 (PCT/AU2011/001111)
[87] (WO2012/024743)
[30] AU (2010214684) 2010-08-27

---

[11] **2,809,531**
[13] C
[51] **Int.Cl. H04B 7/0413 (2017.01) H04W 72/14 (2009.01) H04B 7/0404 (2017.01)**
[25] EN
[54] **TRANSMISSION/RECEPTION METHOD AND APPARATUS FOR UPLINK MIMO RETRANSMISSION IN LTE SYSTEM**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION ET DE RECEPTION POUR UNE RETRANSMISSION MIMO SUR LA LIAISON MONTANTE DANS UN SYSTEME LTE**
[72] HAN, JIN-KYU, KR
[72] KIM, YOUN SUN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-02-26
[86] 2011-09-29 (PCT/KR2011/007179)
[87] (WO2012/044083)
[30] KR (10-2010-0094749) 2010-09-29

---

[11] **2,809,814**
[13] C
[51] **Int.Cl. A24D 3/02 (2006.01) A24C 5/47 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ROLLING CIGARETTE FILTERS**
[54] **APPAREIL ET PROCEDE POUR ROULER DES FILTRES DE CIGARETTE**
[72] BARKLEY, RICHARD DOUGLAS, CA
[73] BARKLEY, RICHARD DOUGLAS, CA
[86] (2809814)
[87] (2809814)
[22] 2013-03-18

---

[11] **2,810,464**
[13] C
[51] **Int.Cl. B23Q 5/027 (2006.01)**
[25] EN
[54] **YOKE ACCESSORY TOOL FOR AN OSCILLATING TOOL**
[54] **OUTIL D'ACCESSOIRE DE COLLET DESTINE A UN OUTIL OSCILLANT**
[72] HOLBA, JOHN, US
[72] ABANTE, EDWARD, US
[72] RUBENS, JEREMY, US
[72] CARLSON, CARL CHRISTIAN, US
[72] MORENO, JAIME, US
[73] ROBERT BOSCH GMBH, DE
[85] 2013-03-21
[86] 2011-11-22 (PCT/US2011/061882)
[87] (WO2013/077862)

---

[11] **2,810,481**
[13] C
[51] **Int.Cl. A61K 31/728 (2006.01) A61K 31/7072 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **AGENT FOR TREATMENT OF DRY EYE CHARACTERIZED BY COMBINING P2Y2 RECEPTOR AGONIST AND HYALURONIC ACID OR SALT THEREOF, METHOD FOR TREATING DRY EYE, AND USE OF THE P2Y2 RECEPTOR AGONIST AND HYALURONIC ACID OR SALT THEREOF**
[54] **AGENT POUR LE TRAITEMENT DE L'OEIL SEC CARACTERISE PAR LA COMBINAISON D'UN AGONISTE DE RECEPTEUR P2Y2 ET D'ACIDE HYALURONIQUE OU SON SEL, PROCEDE POUR TRAITER L'OEIL SEC, UTILISATIO N DE L'AGONISTE DE RECEPTEUR P2Y2 ET D'ACIDE HYALURONIQUE OU SON SEL**
[72] SHICHIJO, YUKO, JP
[72] DOTA, ATSUYOSHI, JP
[72] NAGANO, TAKASHI, JP
[72] NAKAMURA, MASATSUGU, JP
[72] SAKAMOTO, ASUKA, JP
[73] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2013-03-05
[86] 2011-09-09 (PCT/JP2011/070578)
[87] (WO2012/033189)
[30] JP (2010-203198) 2010-09-10

[11] **2,810,638**
[13] C
[51] **Int.Cl. B05B 11/00 (2006.01) G01F 11/02 (2006.01)**
[25] EN
[54] **TRIGGER DISPENSER**
[54] **DISTRIBUTEUR DE TYPE A GACHETTE**
[72] ALLUIGI, RICCARDO, IT
[72] DENNIS, STEPHEN R., US
[73] THE CLOROX COMPANY, US
[85] 2013-03-06
[86] 2011-04-07 (PCT/IB2011/051496)
[87] (WO2012/035445)
[30] IT (BS2010A000155) 2010-09-16

---

[11] **2,810,912**
[13] C
[51] **Int.Cl. H02J 13/00 (2006.01) H02J 3/14 (2006.01)**
[25] EN
[54] **LOAD CONTROL APPARATUS WITH PEAK REDUCTION IN AGGREGATE BEHAVIOR**
[54] **APPAREIL DE GESTION DE CHARGE A REDUCTION DE CRETE EN COMPORTEMENT AGREGE**
[72] FLECK, CHRISTOPHER K., US
[73] ACLARA TECHNOLOGIES LLC, US
[85] 2013-03-07
[86] 2011-09-16 (PCT/US2011/051915)
[87] (WO2012/047482)
[30] US (61/386,720) 2010-09-27
[30] US (13/233,173) 2011-09-15

---

[11] **2,812,497**
[13] C
[51] **Int.Cl. E04C 3/12 (2006.01) E04B 5/12 (2006.01) E04C 3/28 (2006.01) E04C 3/29 (2006.01)**
[25] EN
[54] **PRE-STRESSED COMPACT BEAM AND METHOD FOR ITS MANUFACTURE**
[54] **POUTRE COMPACTE PRECONTRAINTE ET SON PROCEDE DE PRODUCTION**
[72] VASLAG, ARNE, NO
[73] VASLAG, ARNE, NO
[85] 2013-03-22
[86] 2011-09-20 (PCT/NO2011/000262)
[87] (WO2012/044173)
[30] NO (20101351) 2010-09-29

---

[11] **2,813,691**
[13] C
[51] **Int.Cl. B23Q 3/06 (2006.01) B23Q 3/08 (2006.01) B25B 5/14 (2006.01) F01D 25/28 (2006.01)**
[25] FR
[54] **EQUIPMENT COMPRISING A ROTATABLE CRADLE AND INTENDED FOR COATING THE AIRFOIL OF A TURBINE BLADE IN ORDER TO MACHINE THE ROOT**
[54] **OUTILLAGE D'ENROBAGE DE LA PALE D'UNE AUBE DE TURBINE POUR L'USINAGE DU PIED COMPORTANT UN BERCEAU MOBILE EN ROTATION**
[72] CHACON, JOSE, FR
[72] ROUSSEL, JEAN-JACQUES MICHEL, FR
[73] SNECMA, FR
[85] 2013-04-04
[86] 2011-10-14 (PCT/FR2011/052411)
[87] (WO2012/052666)
[30] FR (1058506) 2010-10-19

---

[11] **2,814,349**
[13] C
[51] **Int.Cl. B60T 7/08 (2006.01) B64C 25/44 (2006.01)**
[25] EN
[54] **AIRCRAFT BRAKE HANDLE ASSEMBLY**
[54] **ENSEMBLE MANETTE DE FREIN D'AERONEF**
[72] OYAMA, HIROKI, US
[72] TADA, KATSUTOSHI, US
[72] O'CONNELL, CHARLES, US
[73] HONDA PATENTS & TECHNOLOGIES NORTH AMERICA, LLC, US
[85] 2013-04-10
[86] 2011-10-14 (PCT/US2011/056484)
[87] (WO2012/054361)
[30] US (61/394,249) 2010-10-18

---

[11] **2,814,447**
[13] C
[51] **Int.Cl. B01J 20/22 (2006.01) B01J 31/16 (2006.01) B01J 31/18 (2006.01)**
[25] EN
[54] **NOVEL LARGE PORE METAL ORGANIC FRAMEWORKS**
[54] **NOUVELLES STRUCTURES ORGANOMETALLIQUES A LARGES PORES**
[72] WRIGHT, PAUL A., GB
[72] WHARMBY, MICHAEL T., GB
[72] MOWAT, JOHN P.S., GB
[73] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
[85] 2013-04-11
[86] 2011-10-11 (PCT/GB2011/001464)
[87] (WO2012/049451)
[30] GB (1017095.9) 2010-10-11

---

[11] **2,814,645**
[13] C
[51] **Int.Cl. B21D 51/18 (2006.01) B21D 31/00 (2006.01)**
[25] EN
[54] **METHOD OF COORDINATING VESSEL SHAPE STYLE AND DECORATION STYLE**
[54] **PROCEDE POUR COORDONNER UN STYLE DE FORME DE RECIPIENT AVEC UN STYLE DE DECORATION**
[72] BIONDICH, SCOTT, US
[72] ADAMS, JOHN E., US
[72] ALLEN, KATHERINE, US
[72] ESPINEL, KARINA R., US
[72] KOLLS, BROCK H., US
[72] RAJESH, GOPALASWAMY, US
[72] SANTAMARIA, ALEJANDRO, US
[73] THE COCA-COLA COMPANY, US
[85] 2013-04-12
[86] 2010-09-21 (PCT/US2010/049593)
[87] (WO2011/046717)
[30] US (12/577,296) 2009-10-12

[11] **2,815,073**
[13] C
[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **GAMING SYSTEM AND METHOD PROVIDING GAME WITH MULTIDIRECTIONAL SPINNING SYMBOL DISPLAYS**
[54] **SYSTEME ET PROCEDE DE JEU PERMETTANT UN JEU AVEC AFFICHAGES DE SYMBOLES ROTATIFS MULTIDIRECTIONNELS**
[72] DAEGES, JIB L., US
[72] WOLF, BRYAN D., US
[72] CHEUNG, DOROTHY P., US
[73] IGT, US
[86] (2815073)
[87] (2815073)
[22] 2013-05-06
[30] US (13/474,528) 2012-05-17

---

[11] **2,815,121**
[13] C
[51] **Int.Cl. A01K 5/00 (2006.01)**
[25] EN
[54] **FEED DEVICE**
[54] **DISPOSITIF D'ALIMENTATION**
[72] PASTOOR, JAN LAMBERTUS, NL
[72] SIE, HOWARD, NL
[72] HUYZER, ARIE, NL
[73] LELY PATENT N.V., NL
[85] 2013-04-17
[86] 2011-11-03 (PCT/NL2011/000072)
[87] (WO2012/074377)
[30] NL (1038426) 2010-12-03
[30] NL (1038669) 2011-03-11

---

[11] **2,815,899**
[13] C
[51] **Int.Cl. B29C 49/76 (2006.01) B29C 47/40 (2006.01)**
[25] EN
[54] **APPARATUS FOR PRODUCING AT LEAST ONE CONTAINER, IN PARTICULAR IN AMPULE FORM, MADE OF THERMOPLASTIC MATERIAL**
[54] **DISPOSITIF DE FABRICATION D'AU MOINS UN CONTENANT, DE PREFERENCE SOUS FORME D'AMPOULE, EN PLASTIQUE THERMOPLASTIQUE**
[72] HANSEN, BERND, DE
[73] HANSEN, BERND, DE
[85] 2013-04-25
[86] 2011-11-10 (PCT/EP2011/005654)
[87] (WO2012/072182)
[30] DE (10 2010 053 285.1) 2010-12-03

---

[11] **2,816,120**
[13] C
[51] **Int.Cl. H05H 13/00 (2006.01)**
[25] EN
[54] **COMPACT, COLD, WEAK-FOCUSING, SUPERCONDUCTING CYCLOTRON**
[54] **CYCLOTRON SUPRACONDUCTEUR COMPACT, FROID ET A FAIBLE FOCALISATION**
[72] ANTAYA, TIMOTHY, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2013-04-25
[86] 2011-11-01 (PCT/US2011/058750)
[87] (WO2012/071142)
[30] US (12/951,968) 2010-11-22

---

[11] **2,816,701**
[13] C
[51] **Int.Cl. G05D 7/01 (2006.01)**
[25] EN
[54] **FLOW RATE CONTROLLER FOR HIGH FLOW RATES AND HIGH PRESSURE DROPS**
[54] **REGULATEUR DE DEBIT POUR FORTS DEBITS ET FORTES CHUTES DE PRESSION**
[72] KIRCHNER, MARK W., US
[72] JONES, GILBERT, US
[73] SKO FLO INDUSTRIES, INC., US
[85] 2013-05-01
[86] 2011-10-05 (PCT/US2011/054978)
[87] (WO2012/048039)
[30] US (61/390,035) 2010-10-05

---

[11] **2,818,126**
[13] C
[51] **Int.Cl. H04L 1/00 (2006.01) H03M 13/11 (2006.01) H04B 7/005 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING DATA IN COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE D'EMISSION ET DE RECEPTION DE DONNEES DANS UN SYSTEME DE COMMUNICATION**
[72] JEONG, HONG-SIL, KR
[72] YUN, SUNG-RYUL, KR
[72] YANG, HYUN-KOO, KR
[72] MYUNG, SE-HO, KR
[72] MOURAD, ALAIN, GB
[72] GUTIERREZ, ISMAEL, GB
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-05-15
[86] 2011-12-02 (PCT/KR2011/009325)
[87] (WO2012/074334)
[30] KR (10-2010-0123062) 2010-12-03
[30] KR (10-2011-0128148) 2011-12-02

---

[11] **2,818,935**
[13] C
[51] **Int.Cl. C10M 141/12 (2006.01)**
[25] FR
[54] **LUBRICANT COMPOSITION INCLUDING AN ORGANOMOLYBDENUM COMPOUND AND A COMBINATION OF ANTIWEAR AND EXTREME PRESSURE ADDITIVES**
[54] **COMPOSITION LUBRIFIANTE COMPRENANT UN COMPOSE ORGANOMOLYBDENE ET UNE COMBINAISON D'ADDITIFS ANTI-USURE ET EXTREME-PRESSION**
[72] MATRAY, EMMANUEL, FR
[72] VERNAY, RICHARD, FR
[73] TOTAL RAFFINAGE MARKETING, FR
[85] 2012-12-17
[86] 2011-06-24 (PCT/IB2011/052801)
[87] (WO2011/161662)
[30] FR (1055108) 2010-06-25

[11] **2,819,063**
[13] C
[51] **Int.Cl. B60N 2/07 (2006.01) B60N 2/90 (2018.01)**
[25] EN
[54] **FULL MEMORY SEAT TRACK MECHANISM**
[54] **MECANISME DE RAIL DE SIEGES A MEMOIRE TOTALE**
[72] GUPTE, AMEYA, US
[72] TAME, OMAR D., US
[72] AKTAS, MACIT, CA
[72] CARROLL, JEFFREY P., US
[73] MAGNA SEATING INC., CA
[85] 2013-05-27
[86] 2011-12-05 (PCT/CA2011/001328)
[87] (WO2012/071659)
[30] US (61/458,898) 2010-12-03

---

[11] **2,819,122**
[13] C
[51] **Int.Cl. H01B 7/32 (2006.01) G01B 11/02 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING THE LENGTH OF AN ELECTRIC CABLE THAT USES AN OPTICAL FIBRE ELEMENT AS A SENSOR**
[54] **PROCEDE POUR MESURER LA LONGUEUR D'UN CABLE ELECTRIQUE QUI UTILISE UN ELEMENT DE FIBRE OPTIQUE COMME CAPTEUR**
[72] KNUEPFER, BERND, IT
[72] SARCHI, DAVIDE, IT
[73] PRYSMIAN S.P.A., IT
[85] 2013-05-27
[86] 2010-11-29 (PCT/IT2010/000475)
[87] (WO2012/073260)

---

[11] **2,819,186**
[13] C
[51] **Int.Cl. A61L 15/26 (2006.01) A61L 15/46 (2006.01)**
[25] EN
[54] **A DRESSING DEVICE FOR USE WITH A CANNULA OR A CATHETER**
[54] **DISPOSITIF DE TRAITEMENT DES PLAIES UTILISABLE AVEC UNE CANULE OU UN CATHETER**
[72] REAL, KEITH, IE
[72] DONNELLAN, PETER, IE
[72] NI BEILLIU, MAIRE, IE
[73] BARD ACCESS SYSTEMS, INC., US
[85] 2013-05-17
[86] 2011-07-04 (PCT/IE2011/000034)
[87] (WO2012/007929)
[30] US (61/344,403) 2010-07-14

---

[11] **2,819,599**
[13] C
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE TREATMENT OF PAIN THROUGH NEURAL FIBER STIMULATION**
[54] **SYSTEMES ET PROCEDES POUR LE TRAITEMENT DE LA DOULEUR PAR STIMULATION DES FIBRES NEURALES**
[72] BENNETT, MARIA E., US
[72] BOGGS, JOSEPH W., II, US
[72] GRILL, WARREN M., US
[72] CHAE, JOHN, US
[73] SPR THERAPEUTICS, INC., US
[85] 2013-05-31
[86] 2011-12-01 (PCT/US2011/062882)
[87] (WO2012/075281)
[30] US (61/418,768) 2010-12-01
[30] US (61/418,801) 2010-12-01

---

[11] **2,820,342**
[13] C
[51] **Int.Cl. H04N 21/45 (2011.01) H04N 21/482 (2011.01) H04L 12/26 (2006.01)**
[25] EN
[54] **APPLICATION DISCOVERY**
[54] **DECOUVERTE D'APPLICATIONS**
[72] WHITE, JEAN-MARIE, US
[72] DANCIU, DANIEL, US
[73] NETFLIX, INC., US
[86] (2820342)
[87] (2820342)
[22] 2013-06-26
[30] US (61665827) 2012-06-28
[30] US (61675756) 2012-07-25
[30] US (13/827,720) 2013-03-14

---

[11] **2,820,546**
[13] C
[51] **Int.Cl. A61L 24/06 (2006.01) A61L 27/40 (2006.01)**
[25] EN
[54] **PASTE-LIKE BONE CEMENT**
[54] **CIMENT OSSEUX DE TYPE PATE**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2820546)
[87] (2820546)
[22] 2013-07-09
[30] DE (10 2012 014 418.0) 2012-07-20

---

[11] **2,821,377**
[13] C
[51] **Int.Cl. C09K 8/80 (2006.01)**
[25] EN
[54] **HYDROPHOBIC PROPPANT AND PREPARATION METHOD THEREOF**
[54] **AGENT DE SOUTENEMENT HYDROPHOBE ET PROCEDE DE PREPARATION ASSOCIE**
[72] QIN, SHENGYI, CN
[72] HU, BAOLING, CN
[73] BEIJING RECHSAND SAND INDUSTRY SCIENCE & TECHNOLOGY CO., LTD., CN
[85] 2013-06-12
[86] 2011-09-14 (PCT/CN2011/001558)
[87] (WO2012/041004)
[30] CN (201010500399.1) 2010-09-30

---

[11] **2,821,922**
[13] C
[51] **Int.Cl. A61B 46/00 (2016.01) A61B 46/20 (2016.01) A61B 17/34 (2006.01)**
[25] EN
[54] **PERINEUM OVERLAY DEVICE**
[54] **DISPOSITIF RECOUVRANT LE PERINEE**
[72] WATSCHKE, BRIAN P., US
[72] WANG, GUANGJIAN, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2013-07-23
[86] 2013-02-27 (PCT/US2013/027914)
[87] (WO2013/130529)
[30] US (61/604,034) 2012-02-28

[11] **2,822,213**
[13] C
[51] **Int.Cl. A61K 31/365 (2006.01) A61K 31/05 (2006.01) A61P 3/04 (2006.01) C07C 39/21 (2006.01) C07D 305/12 (2006.01)**
[25] EN
[54] **COMBINATION AND COMPOSITION FOR TREATING OBESITY**
[54] **COMBINAISON ET COMPOSITION POUR LE TRAITEMENT DE L'OBESITE**
[72] SENOSIAIN PELAEZ, JUAN PABLO, MX
[72] BARRANCO HERNANDEZ, GUSTAVO, MX
[72] GARCIA SALGADO LOPEZ, RAUL, MX
[73] LABORATORIOS SENOSIAIN S.A. DE C.V., MX
[85] 2013-06-18
[86] 2011-12-16 (PCT/IB2011/055723)
[87] (WO2012/085785)
[30] MX (MX/a/2010/014484) 2010-12-21

---

[11] **2,823,576**
[13] C
[51] **Int.Cl. G01M 3/28 (2006.01) F17D 5/02 (2006.01)**
[25] EN
[54] **FLUID LEAKAGE DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE FUITES DE FLUIDE**
[72] BOURGEOIS, PIERRE, BE
[73] CLEVERGAS HOLDING S.A., BE
[85] 2013-07-02
[86] 2012-01-11 (PCT/EP2012/050383)
[87] (WO2012/098038)
[30] EP (11151135.8) 2011-01-17

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[11] **2,823,611**
[13] C
[51] **Int.Cl. A61M 16/00 (2006.01) A61B 5/00 (2006.01) A61B 5/08 (2006.01) A61B 5/11 (2006.01)**
[25] FR
[54] **DEVICE FOR MEASURING COMPLIANCE WITH OXYGEN THERAPY USING A THREE-DIMENSIONAL ACCELEROMETER**
[54] **DISPOSITIF DE MESURE DE L'OBSERVANCE D'UN TRAITEMENT D'OXYGENOTHERAPIE A ACCELEROMETRE TRIDIMENSIONNEL**
[72] WEBER, CLAUDE, FR
[72] BERNARD, PHILIPPE, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2013-07-02
[86] 2012-01-11 (PCT/FR2012/050071)
[87] (WO2012/104513)
[30] FR (1150798) 2011-02-02

---

[11] **2,823,636**
[13] C
[51] **Int.Cl. G08B 1/08 (2006.01) H04W 88/02 (2009.01) H04N 21/40 (2011.01) G06K 9/18 (2006.01)**
[25] EN
[54] **ASSISTING MATRIX CODE CAPTURE BY SIGNALING MATRIX CODE READERS**
[54] **AIDE A LA CAPTURE DE CODE MATRICIEL PAR SIGNALISATION DE LECTEURS DE CODE MATRICIEL**
[72] GRATTON, MAX STEPHEN, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2013-07-02
[86] 2011-12-05 (PCT/US2011/063308)
[87] (WO2012/094083)
[30] US (12/984,385) 2011-01-04

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[11] **2,824,255**
[13] C
[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/543 (2006.01) G01N 33/554 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING AN ANALYSIS SUBSTRATE, AND USE THEREOF FOR DETECTING TOXINS**
[54] **PROCEDE DE FABRICATION D'UN SUPPORT D'ANALYSE ET UTILISATION POUR LA DETECTION DE TOXINES**
[72] ARAOZ, ROMULO, FR
[72] NGHIEM, HOANG-OANH, FR
[72] MOLGO, JORDI, FR
[72] BOTANA, LUIS, ES
[72] VILARINO, NATALIA, ES
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[73] INSTITUT PASTEUR, FR
[73] UNIVERSIDAD DE SANTIAGO DE COMPOSTELA, ES
[85] 2013-07-09
[86] 2012-01-24 (PCT/FR2012/050157)
[87] (WO2012/101378)
[30] FR (1150586) 2011-01-25

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[11] **2,824,629**
[13] C
[51] **Int.Cl. H04W 28/06 (2009.01) H04W 72/12 (2009.01) H04W 72/14 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **RADIO BASE STATION, USER TERMINAL AND RADIO COMMUNICATION METHOD**
[54] **STATION DE BASE SANS FIL, TERMINAL UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL**
[72] TAKEDA, KAZUAKI, JP
[72] NISHIKAWA, DAISUKE, JP
[72] MIKI, NOBUHIKO, JP
[73] NTT DOCOMO, INC., JP
[85] 2013-06-26
[86] 2011-12-22 (PCT/JP2011/079766)
[87] (WO2012/093594)
[30] JP (2011-002486) 2011-01-07

[11] **2,824,879**
[13] C
[51] **Int.Cl. C12P 7/52 (2006.01) C07C 53/124 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING BUTYRIC ACID, BUTANOL AND BUTYRATE ESTER**
[54] **PROCEDE DE PRODUCTION D'ACIDE BUTYRIQUE, DE BUTANOL ET D'ESTER DE BUTYRATE**
[72] LIN, YUN-HUIN, TW
[72] LEE, HOM-TI, TW
[72] YIN, HSIU-YIN, TW
[72] HWANG, SZ-CHWUN JOHN, TW
[73] INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, CN
[85] 2013-07-16
[86] 2012-04-11 (PCT/CN2012/073785)
[87] (WO2012/139492)
[30] US (61/475,454) 2011-04-14
[30] US (13/442,345) 2012-04-09

---

[11] **2,824,896**
[13] C
[51] **Int.Cl. E21B 49/08 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT TO ESTABLISH DURING DOWN-THE-HOLE DRILLING COMMUNICATION BETWEEN THE CAVITY OF THE DRILL STRING AND THE SURROUNDING MATERIAL**
[54] **PROCEDE ET AGENCEMENT POUR FAIRE COMMUNIQUER LA CAVITE DU TRAIN DE TIGES DE FORAGE ET LA MATIERE ENVIRONNANTE, PENDANT UN FORAGE**
[72] HORMAN, MAGNUS, SE
[73] LKAB WASSARA AB, SE
[85] 2013-07-16
[86] 2012-01-26 (PCT/SE2012/050076)
[87] (WO2012/108818)
[30] SE (1150083-2) 2011-02-07

---

[11] **2,826,137**
[13] C
[51] **Int.Cl. A01C 7/20 (2006.01)**
[25] EN
[54] **EXHAUST WEBBING FOR AN AGRICULTURAL IMPLEMENT TANK**
[54] **SANGLE D'ECHAPPEMENT POUR RESERVOIR DE MACHINE AGRICOLE**
[72] JOHNSON, CHAD M., US
[72] LONG, SCOTT, US
[72] ROSZMAN, JOSHUA, US
[72] PRICKEL, MARVIN A., US
[72] MACDONALD, GRANT, US
[72] CONNORS, MICHAEL, US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2826137)
[87] (2826137)
[22] 2013-09-04
[30] US (13/737,893) 2013-01-09

---

[11] **2,827,110**
[13] C
[51] **Int.Cl. B60R 19/03 (2006.01) B29C 65/34 (2006.01)**
[25] EN
[54] **BUMPER MADE USING A RESISTIVE IMPLANT WELDING PROCESS**
[54] **PARE-CHOCS A MARCHEPIED SOUDE PAR IMPLANT RESISTIF**
[72] BIRKA, MARK P., US
[73] MAGNA INTERNATIONAL INC., CA
[85] 2013-08-12
[86] 2012-02-10 (PCT/US2012/024650)
[87] (WO2012/109541)
[30] US (61/462,961) 2011-02-10

---

[11] **2,827,269**
[13] C
[51] **Int.Cl. F02B 63/00 (2006.01) F01P 5/06 (2006.01) F02B 63/04 (2006.01) F02B 77/13 (2006.01)**
[25] EN
[54] **PACKAGED ENGINE WORKING MACHINE**
[54] **MACHINE DE TRAVAIL A MOTEUR STOCKE DANS UNE ENVELOPPE**
[72] KAWAKITA, KEISUKE, JP
[72] KAWANO, TATSUYA, JP
[72] ONO, MASAAKI, JP
[73] YANMAR CO., LTD., JP
[85] 2013-08-13
[86] 2012-02-10 (PCT/JP2012/053111)
[87] (WO2012/111556)
[30] JP (2011-029796) 2011-02-15

---

[11] **2,828,925**
[13] C
[51] **Int.Cl. B29D 23/00 (2006.01) B29C 35/00 (2006.01) B29C 53/64 (2006.01) B29C 53/56 (2006.01) B29C 70/32 (2006.01) F16L 9/16 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING CONTINUOUS COMPOSITE TUBE, APPARATUS FOR MANUFACTURING CONTINUOUS COMPOSITE TUBE**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN TUYAU COMPOSITE CONTINU**
[72] KREMERS, MARCUS ANTONIUS IVONNE, NL
[73] AO&G HOLDING B.V., NL
[85] 2013-09-03
[86] 2012-03-05 (PCT/NL2012/050134)
[87] (WO2012/118379)
[30] NL (2006335) 2011-03-03

---

[11] **2,829,254**
[13] C
[51] **Int.Cl. B65G 9/00 (2006.01) B61K 7/06 (2006.01)**
[25] EN
[54] **AISLE EMERGENCY BRAKE FOR RAIL-GUIDED VEHICLE**
[54] **FREIN D'URGENCE DE COULOIR CENTRAL POUR VEHICULE GUIDE SUR RAIL**
[72] HORTIG, PHILIPP J., US
[72] REHM, PASCAL, DE
[73] DEMATIC GMBH, DE
[85] 2013-09-05
[86] 2012-03-29 (PCT/US2012/031199)
[87] (WO2012/138538)
[30] US (61/471,326) 2011-04-04

---

[11] **2,830,921**
[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01) G06F 3/14 (2006.01) G07C 1/00 (2006.01)**
[25] EN
[54] **SYSTEM GROUP FOR SUPERVISION**
[54] **GROUPE DE SYSTEMES DESTINE A LA SUPERVISION**
[72] MARTIN, DAVID, US
[73] FMR LLC, US
[85] 2013-09-20
[86] 2012-03-21 (PCT/US2012/029925)
[87] (WO2012/129293)
[30] US (61/466,098) 2011-03-22
[30] US (13/325,296) 2011-12-14

[11] **2,830,945**
[13] C
[51] **Int.Cl. C01G 53/06 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCTION OF NICKEL CARBONATE**
[54] **PROCEDE POUR LA PRODUCTION DE CARBONATE DE NICKEL**
[72] BERNI, TIAGO VALENTIM, BR
[72] PEREIRA, ANTONIO CLARETI, BR
[72] GUIMARAES, FELIPE HILARIO, BR
[73] VALE S/A, BR
[85] 2013-09-23
[86] 2012-03-26 (PCT/BR2012/000091)
[87] (WO2012/129628)
[30] US (61/467,683) 2011-03-25

---

[11] **2,831,371**
[13] C
[51] **Int.Cl. B64C 25/50 (2006.01)**
[25] EN
[54] **LANDING GEAR ASSEMBLY OF AIRCRAFT**
[54] **TRAIN D'ATTERRISSAGE DE VEHICULE VOLANT**
[72] ONOMICHI, YASUTO, JP
[72] TADA, KAZUNARI, JP
[72] OTANI, TAKESHI, JP
[72] MORIMOTO, HIROSHI, JP
[73] SUMITOMO PRECISION PRODUCTS CO., LTD., JP
[85] 2013-09-25
[86] 2012-03-13 (PCT/JP2012/056349)
[87] (WO2012/137578)
[30] JP (2011-082327) 2011-04-02

---

[11] **2,831,719**
[13] C
[51] **Int.Cl. F16G 11/00 (2006.01) A61B 1/04 (2006.01) B25B 11/00 (2006.01) H01F 7/02 (2006.01) H01F 41/02 (2006.01)**
[25] EN
[54] **MAGNETIC ATTACHMENT DEVICE**
[54] **DISPOSITIF DE FIXATION MAGNETIQUE**
[72] HARITOU, CHRISTOS, GB
[72] FADA, ALAN, GB
[72] FADA, IAN, GB
[73] HARITOU, CHRISTOS, GB
[73] FADA, ALAN, GB
[85] 2013-09-27
[86] 2011-03-31 (PCT/GB2011/050664)
[87] (WO2011/121363)
[30] GB (1005477.3) 2010-03-31
[30] GB (1102167.2) 2011-02-08

---

[11] **2,834,217**
[13] C
[51] **Int.Cl. G05B 15/02 (2006.01) G05D 23/19 (2006.01) H04R 3/00 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **SENSING AND ADJUSTING FEATURES OF AN ENVIRONMENT**
[54] **DETECTION ET REGLAGE DES CARACTERISTIQUES D'UN ENVIRONNEMENT**
[72] MCGUIRE, KENNETH STEPHEN, US
[72] HASENOEHRL, ERIK JOHN, US
[72] MAHONEY, WILLIAM PAUL, III, US
[72] BISCHOFF, COREY MICHAEL, US
[72] STANLEY, HUIQING Y., US
[72] STEINHARDT, MARK JOHN, US
[72] GRUENBACHER, DANA PAUL, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-10-24
[86] 2011-04-26 (PCT/US2011/033924)
[87] (WO2012/148385)

---

[11] **2,834,499**
[13] C
[51] **Int.Cl. A61F 9/008 (2006.01) A61B 18/20 (2006.01)**
[25] EN
[54] **IMAGING-CONTROLLED LASER SURGICAL SYSTEM**
[54] **SYSTEME CHIRURGICAL LASER COMMANDE PAR IMAGERIE**
[72] CHAUDHARY, GAUTAM, US
[72] GOLDSTEIN, PETER, US
[72] HEGEDUS, IMRE, HU
[72] SUAREZ, CARLOS GERMAN, US
[72] CALLIGORI, DAVID, US
[72] KARAVITIS, MICHAEL, US
[73] ALCON LENSX, INC., US
[85] 2013-10-28
[86] 2011-09-13 (PCT/US2011/051360)
[87] (WO2012/158183)
[30] US (13/110,352) 2011-05-18

---

[11] **2,834,823**
[13] C
[51] **Int.Cl. E04G 21/32 (2006.01) E04G 5/04 (2006.01) E04H 17/04 (2006.01)**
[25] EN
[54] **SAFETY BARRICADE AND/OR GUARDING SYSTEM**
[54] **SYSTEME DE BARRIERE DE SECURITE**
[72] GILL, SHANE PETER, AU
[73] BART'S LTD, CN
[85] 2013-10-31
[86] 2011-09-09 (PCT/AU2011/001165)
[87] (WO2012/142645)
[30] AU (2011100520) 2011-05-09
[30] US (13/197,565) 2011-08-03

---

[11] **2,834,830**
[13] C
[51] **Int.Cl. C09K 8/70 (2006.01) C02F 1/00 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **RESIN-COATED PROPPANT AND METHODS OF USE**
[54] **AGENT DE SOUTENEMENT REVETU DE RESINE ET SES PROCEDES D'UTILISATION**
[72] TANGUAY, CHRISTOPHER, US
[72] KUMAR, RAJESH, US
[73] BASF SE, DE
[85] 2013-10-31
[86] 2012-04-26 (PCT/US2012/035230)
[87] (WO2012/151109)
[30] US (61/482,823) 2011-05-05

---

[11] **2,835,700**
[13] C
[51] **Int.Cl. B01D 49/00 (2006.01) A61L 9/14 (2006.01) C09K 3/22 (2006.01)**
[25] EN
[54] **SPRAYABLE COMPOSITIONS FOR REDUCING PARTICULATES IN THE AIR**
[54] **COMPOSITIONS PULVERISABLES DESTINEES A REDUIRE LE NOMBRE DE PARTICULES DANS L'AIR**
[72] NWACHUKWU, CHISOMAGA UGOCHI, US
[72] SHERRY, ALAN EDWARD, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-11-08
[86] 2012-05-09 (PCT/US2012/037049)
[87] (WO2012/154805)
[30] US (13/104,329) 2011-05-10

[11] **2,836,163**
[13] C
[51] **Int.Cl. B65D 19/24 (2006.01)**
[25] EN
[54] **PALLET FOR BAGS**
[54] **PALETTE DE SACS**
[72] BERRY, ANDREW, AU
[72] WADDELL, COLIN, AU
[72] SHAW, IAN ANDREW, AU
[73] BULK HANDLING AUSTRALIA GROUP PTY LTD, AU
[85] 2013-11-14
[86] 2011-06-14 (PCT/AU2011/000720)
[87] (WO2011/153593)
[30] AU (2010902576) 2010-06-11

---

[11] **2,836,435**
[13] C
[51] **Int.Cl. F16L 27/08 (2006.01) B67D 7/56 (2010.01) F16L 37/084 (2006.01)**
[25] EN
[54] **BREAKAWAY COUPLING FOR A LIQUID LINE**
[54] **ACCOUPLEMENT DE RUPTURE POUR UNE CONDUITE DE LIQUIDE**
[72] MEYER, HEINZ-ULRICH, DE
[73] ELAFLEX HIBY TANKTECHNIK GMBH & CO. KG, DE
[85] 2013-11-15
[86] 2012-05-29 (PCT/EP2012/060030)
[87] (WO2012/163910)
[30] EP (11168432.0) 2011-06-01

---

[11] **2,837,889**
[13] C
[51] **Int.Cl. E04H 4/14 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR A VARIABLE DEPTH SWIMMING POOL/SPA**
[54] **PROCEDES ET APPAREILS POUR PISCINE/SPA A PROFONDEUR VARIABLE**
[72] KANETIS, STEFAN, US
[73] PATIO 2 POOL, LLC, US
[85] 2013-11-29
[86] 2012-06-18 (PCT/US2012/043003)
[87] (WO2012/174560)
[30] US (61/498,123) 2011-06-17
[30] US (61/526,198) 2011-08-22

---

[11] **2,838,846**
[13] C
[51] **Int.Cl. A61K 31/427 (2006.01) A61K 31/426 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61P 9/00 (2006.01) C07D 277/28 (2006.01) C07D 417/04 (2006.01) C07D 417/10 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING BRAIN EDEMA**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'OEDEME CEREBRAL**
[72] SHALWITZ, ROBERT, US
[72] PETERS, KEVIN GENE, US
[73] AERPIO THERAPEUTICS INC., US
[86] (2838846)
[87] (2838846)
[22] 2010-01-12
[62] 2,748,814
[30] US (61/144,022) 2009-01-12
[30] US (61/184,986) 2009-06-08

---

[11] **2,840,121**
[13] C
[51] **Int.Cl. H01J 9/02 (2006.01) H01J 1/304 (2006.01)**
[25] EN
[54] **DEVICE COMPRISING NANOSTRUCTURES AND METHOD OF MANUFACTURING THEREOF**
[54] **DISPOSITIF COMPRENANT DES NANOSTRUCTURES ET SON PROCEDE DE FABRICATION**
[72] KHALID, WAQAS, SE
[73] KHALID, WAQAS, SE
[85] 2013-12-20
[86] 2012-06-29 (PCT/EP2012/062744)
[87] (WO2013/001076)
[30] EP (11171883.9) 2011-06-29
[30] US (61/502,341) 2011-06-29

---

[11] **2,840,479**
[13] C
[51] **Int.Cl. G01C 21/34 (2006.01) G01C 21/00 (2006.01) G08G 1/0969 (2006.01) G09B 29/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING VEHICLE DRIVE CYCLE PROFILES**
[54] **SYSTEME ET PROCEDE DE GENERATION DE PROFILS DE CYCLE DE CONDUITE D'UN VEHICULE**
[72] OSHIRO, KEVIN S., US
[72] DUFFY, JOHN D., US
[73] PACCAR INC, US
[85] 2013-12-24
[86] 2012-06-27 (PCT/US2012/044412)
[87] (WO2013/003470)
[30] US (13/170,068) 2011-06-27

---

[11] **2,840,799**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **CHAIR PAD SYSTEM AND ASSOCIATED, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING AND IMPROVING HEALTH AND PRODUCTIVITY OF EMPLOYEES**
[54] **SYSTEME DE COUSSIN DE SIEGE, SUPPORT INFORMATIQUE ET PROCEDES INFORMATIQUES ASSOCIES POUR SURVEILLER ET AMELIORER LA SANTE ET LA PRODUCTIVITE D'EMPLOYES**
[72] HORSEMAN, SAMANTHA J., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2013-12-30
[86] 2012-07-03 (PCT/US2012/045410)
[87] (WO2013/006622)
[30] US (61/504,638) 2011-07-05
[30] US (61/659,796) 2012-06-14
[30] US (61/659,800) 2012-06-14
[30] US (61/659,790) 2012-06-14
[30] US (61/659,810) 2012-06-14
[30] US (61/659,831) 2012-06-14
[30] US (61/659,824) 2012-06-14
[30] US (61/659,818) 2012-06-14
[30] US (61/659,807) 2012-06-14
[30] US (13/540,095) 2012-07-02

[11] **2,840,887**
[13] C
[51] **Int.Cl. H04N 19/91 (2014.01) H04N 19/169 (2014.01) H04N 19/30 (2014.01) H04N 19/34 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENTROPY ENCODING USING HIERARCHICAL DATA UNIT, AND METHOD AND APPARATUS FOR DECODING**
[54] **PROCEDE ET APPAREIL DE CODAGE ENTROPIQUE UTILISANT UNE UNITE DE DONNEES HIERARCHIQUE, ET PROCEDE ET APPAREIL DE DECODAGE**
[72] LEE, TAMMY, KR
[72] CHEN, JIANLE, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-12-31
[86] 2012-07-02 (PCT/KR2012/005255)
[87] (WO2013/005968)
[30] US (61/503,685) 2011-07-01
[30] US (61/548,423) 2011-10-18

[11] **2,842,071**
[13] C
[51] **Int.Cl. B07B 1/46 (2006.01) B07B 1/04 (2006.01)**
[25] EN
[54] **ORE SCREENING PANEL**
[54] **PANNEAU DE TAMISAGE DE MINERAIS**
[72] ARMSTRONG, RICHARD, AU
[73] SCHENCK PROCESS AUSTRALIA PTY LTD, AU
[85] 2014-01-16
[86] 2012-08-21 (PCT/AU2012/000978)
[87] (WO2013/026090)
[30] AU (2011903335) 2011-08-22

[11] **2,843,271**
[13] C
[51] **Int.Cl. G06F 21/00 (2013.01) G06F 21/73 (2013.01)**
[25] EN
[54] **METHOD FOR PROVISIONING CRYPTOGRAPHIC KEYS DURING MANUFACTURING**
[54] **PROCEDE PERMETTANT DE FOURNIR DES CLES CRYPTOGRAPHIQUES LORS DE LA FABRICATION**
[72] CAMPAGNA, MATTHEW JOHN, US
[72] BOWMAN, ROGER PAUL, CA
[72] LAMB, BRIAN, CA
[72] LAMBERT, ROBERT JOHN, CA
[72] WOOD, ROBERT HENDERSON, CA
[73] CERTICOM CORP., CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-01-27
[86] 2011-07-27 (PCT/US2011/045553)
[87] (WO2013/015806)

[11] **2,843,764**
[13] C
[51] **Int.Cl. C08J 5/12 (2006.01) C08J 7/12 (2006.01) C08J 9/36 (2006.01)**
[25] EN
[54] **METHOD FOR JOINING ELEMENTS MADE OF FOAMED COPOLYMER OF ETHYLENE AND VINYL ACETATE (EVA) WITH POLYURETHANE**
[54] **PROCEDE D'ASSEMBLAGE D'ELEMENTS FABRIQUES EN MOUSSE DE COPOLYMERE D'ETHYLENE ET D'ACETATE DE VINYLE AVEC POLYURETHANE**
[72] GARBACZ, MIROSLAW, PL
[73] ZAKLAD PRODUKCJI OBUWIA "LEMIGO", PL
[86] (2843764)
[87] (2843764)
[22] 2014-02-26
[30] PL (P-406614) 2013-12-20

[11] **2,844,855**
[13] C
[51] **Int.Cl. C07D 417/12 (2006.01) A61K 31/427 (2006.01) A61K 31/445 (2006.01) A61K 31/4965 (2006.01) A61K 31/5375 (2006.01) A61K 31/55 (2006.01) A61P 9/10 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **PIM KINASE INHIBITORS AND PREPARATION METHODS AND USE IN MEDICINAL MANUFACTURE THEREOF**
[54] **INHIBITEUR DE PIM KINASE ET PROCEDE DE PREPARATION ET UTILISATION DANS LA FABRICATION MEDICINALE DE CELUI-CI**
[72] GE, YU, CN
[73] JIKAI BIOSCIENCES INC., CN
[85] 2014-02-11
[86] 2012-08-08 (PCT/CN2012/001061)
[87] (WO2013/020371)
[30] CN (201110229731.X) 2011-08-11
[30] CN (201210271445.4) 2012-08-01

[11] **2,845,929**
[13] C
[51] **Int.Cl. A61K 31/4196 (2006.01) A61P 5/26 (2006.01) A61P 15/08 (2006.01)**
[25] EN
[54] **USE OF AN AROMATASE INHIBITOR FOR THE TREATMENT OF HYPOGONADISM AND RELATED DISEASES**
[54] **UTILISATION D'UN INHIBITEUR D'AROMATASE POUR LE TRAITEMENT DE L'HYPOGONADISME ET DE MALADIES APPARENTEES**
[72] TAYLOR, ANN, US
[72] KLICKSTEIN, LLOYD B., US
[73] NOVARTIS AG, CH
[85] 2014-02-19
[86] 2012-09-06 (PCT/US2012/053844)
[87] (WO2013/036562)
[30] US (61/532,459) 2011-09-08
[30] US (61/638,588) 2012-04-26

[11] **2,846,726**
[13] C
[51] **Int.Cl. E06B 5/16 (2006.01) A62C 2/06 (2006.01) E06B 7/16 (2006.01)**
[25] EN
[54] **FIRE DOOR STOP SYSTEM**
[54] **SYSTEME D'ARRET DE PORTE COUPE-FEU**
[72] NOBLE, CHARLES A., III, US
[73] NOBLE, CHARLES A., III, US
[86] (2846726)
[87] (2846726)
[22] 2014-03-17
[30] US (61/788,542) 2013-03-15

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[11] **2,847,146**
[13] C
[51] **Int.Cl. B01D 21/01 (2006.01)**
[25] EN
[54] **TREATMENT OF TAILINGS STREAMS**
[54] **TRAITEMENT DE COURANTS DE RESIDUS**
[72] MOFFETT, ROBERT HARVEY, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[86] (2847146)
[87] (2847146)
[22] 2014-03-21
[30] US (61/804,263) 2013-03-22

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[11] **2,847,635**
[13] C
[51] **Int.Cl. B64C 3/18 (2006.01) B64C 1/06 (2006.01) B64C 3/26 (2006.01)**
[25] EN
[54] **SYMMETRIC WING RIB WITH CENTER PLANE FASTENED SHEAR TIES**
[54] **NERVURE D'AILE SYMETRIQUE AVEC LIENS DE CISAILLEMENT FIXES AU PLAN CENTRAL**
[72] VANDERHOEK, JOHN DAVID, US
[73] THE BOEING COMPANY, US
[86] (2847635)
[87] (2847635)
[22] 2014-03-27
[30] US (13/923,841) 2013-06-21

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[11] **2,848,728**
[13] C
[51] **Int.Cl. G02B 6/26 (2006.01) A61B 5/0215 (2006.01)**
[25] EN
[54] **METHOD FOR DISPOSABLE GUIDEWIRE OPTICAL CONNECTION**
[54] **PROCEDE DE RACCORDEMENT A FIL DE GUIDAGE OPTIQUE A USAGE UNIQUE**
[72] BELLEVILLE, CLAUDE, CA
[72] LALANCETTE, SEBASTIEN, CA
[72] PROULX, ALAIN, CA
[73] OPSENS INC., CA
[85] 2014-02-19
[86] 2012-08-30 (PCT/CA2012/000803)
[87] (WO2013/029157)
[30] US (61/529,029) 2011-08-30

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[11] **2,849,297**
[13] C
[51] **Int.Cl. A61K 31/568 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **INTEROMONE COMPOSITIONS AND THEIR USE TO MODIFY BEHAVIOR IN DIFFERENT VERTEBRATE SPECIES**
[54] **COMPOSITIONS D'INTEROMONE ET LEUR UTILISATION POUR MODIFIER LE COMPORTEMENT CHEZ DIFFERENTES ESPECES VERTEBREES**
[72] MCGLONE, JOHN J., US
[72] NOUVEL, LARRY, US
[73] SERGEANT'S PET CARE PRODUCTS, INC., US
[85] 2014-03-19
[86] 2012-09-20 (PCT/US2012/056373)
[87] (WO2013/043896)
[30] US (61/536,673) 2011-09-20
[30] US (13/623,279) 2012-09-20

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[11] **2,850,633**
[13] C
[51] **Int.Cl. G01F 25/00 (2006.01)**
[25] EN
[54] **LOW TEMPERATURE PROVER AND METHOD**
[54] **APPAREIL D'ETALONNAGE DE BASSE TEMPERATURE ET PROCEDE ASSOCIE**
[72] DAY, DONALD M., US
[72] WEAVER, DREW S., US
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2014-03-31
[86] 2012-10-15 (PCT/US2012/060266)
[87] (WO2013/056235)
[30] US (61/547,547) 2011-10-14

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[11] **2,851,490**
[13] C
[51] **Int.Cl. H02J 3/00 (2006.01) H01R 9/03 (2006.01) H01R 9/22 (2006.01)**
[25] EN
[54] **ELECTRICAL BOX SAFETY REDESIGN**
[54] **RE-CONCEPTION DE SECURITE DE BOITIER ELECTRIQUE**
[72] CASEY, DANIEL P., US
[73] CASEY, DANIEL P., US
[85] 2014-04-08
[86] 2012-08-30 (PCT/US2012/053170)
[87] (WO2013/033417)
[30] US (61/575,956) 2011-09-01
[30] US (61/626,051) 2011-09-20
[30] US (13/350,331) 2012-01-13

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[11] **2,851,637**
[13] C
[51] **Int.Cl. C08K 5/1515 (2006.01) C08J 3/18 (2006.01) C08L 27/06 (2006.01)**
[25] EN
[54] **PLASTICIZERS DERIVED FROM RENEWABLE FEEDSTOCK**
[54] **PLASTIFIANTS DERIVES D'UNE MATIERE PREMIERE RENOUVELABLE**
[72] FRENKEL, PETER, US
[72] MCKEOWN, STEVEN, US
[73] GALATA CHEMICALS LLC, US
[85] 2014-04-09
[86] 2012-10-11 (PCT/US2012/059814)
[87] (WO2013/055961)
[30] US (61/547,427) 2011-10-14
[30] US (61/590,204) 2012-01-24

[11] 2,853,513
[13] C
[51] **Int.Cl. C08L 9/06 (2006.01) C08J 3/24 (2006.01) C08J 3/26 (2006.01) C08J 3/28 (2006.01) C08L 9/08 (2006.01) C08L 21/00 (2006.01) C08L 21/02 (2006.01)**
[25] EN
[54] **RUBBER COMPOSITION AND PREPARATION METHOD AND VULCANIZED RUBBER THEREOF**
[54] **COMPOSITION DE CAOUTCHOUC ET SON PROCEDE DE PREPARATION ET CAOUTCHOUC VULCANISE FORME A PARTIR DE CELLE-CI**
[72] QIAO, JINLIANG, CN
[72] CONG, YUEXIN, CN
[72] ZHANG, XIAOHONG, CN
[72] LI, YING, CN
[72] GAO, JIANMING, CN
[72] ZHANG, QIANMIN, CN
[72] SONG, ZHIHAI, CN
[72] SUN, YANLING, CN
[72] GUO, MEIFANG, CN
[72] SONG, PEIJUN, CN
[72] CAI, CHUANLUN, CN
[72] ZHAO, GUOXUN, CN
[72] SHI, HONGWEI, CN
[72] QI, GUICUN, CN
[72] LAI, JINMEI, CN
[72] ZHANG, HONGBIN, CN
[72] WANG, YA, CN
[72] LI, BINGHAI, CN
[72] WANG, XIANG, CN
[73] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[73] BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[85] 2014-04-25
[86] 2012-10-26 (PCT/CN2012/083590)
[87] (WO2013/060290)
[30] CN (201110330407.7) 2011-10-26
[30] CN (201210402963.5) 2012-10-22
[30] CN (201210402962.0) 2012-10-22

---

[11] 2,853,553
[13] C
[51] **Int.Cl. G06F 3/01 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF USING INPUT EVENTS ON ELECTRONIC DEVICES**
[54] **SYSTEMES ET PROCEDES D'UTILISATION D'EVENEMENTS SAISIS SUR DES DISPOSITIFS ELECTRONIQUES**
[72] CAINE, ALLAN DAVID, CA
[72] JEYABALASINGAM, SUMANAN, CA
[72] ELIZAROV, MICHAEL, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-04-25
[86] 2011-10-28 (PCT/CA2011/050678)
[87] (WO2013/059905)

---

[11] 2,854,237
[13] C
[51] **Int.Cl. B21D 51/30 (2006.01) B21D 19/04 (2006.01) B21D 51/26 (2006.01)**
[25] EN
[54] **A METHOD TO MECHANICALLY PRODUCE A REPEATABLE SEAM IN A CAN**
[54] **PROCEDE POUR PRODUIRE MECANIQUEMENT UN SERTISSAGE REPETABLE DANS UNE BOITE**
[72] ALDRED, JEFF, US
[72] FOREMAN, ALEXIS S., US
[73] WILD GOOSE CANNING TECHNOLOGIES INC., US
[85] 2014-05-01
[86] 2012-11-01 (PCT/US2012/062946)
[87] (WO2013/067108)
[30] US (61/554,025) 2011-11-01

---

[11] 2,854,565
[13] C
[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **HEADLESS COMPRESSION SCREW WITH INTEGRATED REDUCTION-COMPRESSION INSTRUMENT**
[54] **VIS A COMPRESSION SANS TETE INTEGRANT UN INSTRUMENT DE COMPRESSION DES REDUCTIONS**
[72] YEVMENENKO, YAN, US
[72] PISTOIA, WALTER, CH
[72] FRENK, ANDRE, CH
[72] BEUTTER, FLORIAN, CH
[72] CICOIRA, FRANCO, CH
[73] DEPUY SYNTHES PRODUCTS, INC., US
[86] (2854565)
[87] (2854565)
[22] 2006-08-15
[62] 2,619,047
[30] US (11/205,829) 2005-08-16

---

[11] 2,855,667
[13] C
[51] **Int.Cl. B32B 5/12 (2006.01) B27M 3/06 (2006.01) B32B 21/10 (2006.01) E04F 15/02 (2006.01) E04F 15/022 (2006.01)**
[25] EN
[54] **COMPOSITE ENGINEERED WOOD MATERIAL PIECE COMPOSED OF AN HDF MID-LAYER AND AN OSB BOTTOM LAYER**
[54] **MORCEAU DE MATERIAU EN BOIS D'INGENIERIE COMPOSITE COMPOSE D'UNE COUCHE INTERMEDIAIRE DE PANNEAU DE FIBRES HAUTE DENSITE ET D'UNE COUCHE INFERIEURE DE PANNEAU DE LAMELLES ORIENTEES**
[72] ROY, FRANCOIS, CA
[73] BOA-FRANC S.E.N.C., CA
[86] (2855667)
[87] (2855667)
[22] 2014-06-30

[11] **2,855,968**
[13] C
[51] **Int.Cl. A61B 3/113 (2006.01) A61B 5/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR USING MICROSACCADE PEAK VELOCITY AS A MEASURE OF MENTAL WORKLOAD AND FATIGUE**
[54] **SYSTEME ET PROCEDE PERMETTANT D'UTILISER LA VITESSE MAXIMUM DES MICROSACCADES COMME MESURE DE LA CHARGE DE TRAVAIL MENTAL ET DE LA FATIGUE**
[72] DISTASI, LEANDRO LUIGI, US
[72] MACKNIK, STEPHEN L., US
[72] MARTINEZ-CONDE, SUSANA, US
[73] DIGNITY HEALTH, US
[85] 2014-05-14
[86] 2012-11-23 (PCT/US2012/066461)
[87] (WO2013/078461)
[30] US (61/562,576) 2011-11-22

---

[11] **2,856,096**
[13] C
[51] **Int.Cl. F25J 1/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LIQUEFYING NATURAL GAS USING SINGLE MIXED REFRIGERANT AS REFRIGERATION MEDIUM**
[54] **DISPOSITIF ET PROCEDE DE LIQUEFACTION DE GAZ NATUREL AU MOYEN D'UN SEUL MILIEU ACTIF MELANGE EN GUISE DE MILIEU DE REFRIGERATION**
[72] HE, ZHENYONG, CN
[72] YU, LONG, CN
[72] ZHANG, SHENG, CN
[72] FU, JIANQING, CN
[72] ZHANG, XIAOZHE, CN
[73] XINDI ENERGY ENGINEERING TECHNOLOGY CO., LTD., CN
[85] 2014-05-06
[86] 2012-09-13 (PCT/CN2012/081334)
[87] (WO2013/071789)
[30] CN (201120459032.X) 2011-11-18

---

[11] **2,858,087**
[13] C
[51] **Int.Cl. H01L 21/77 (2017.01) H01B 12/06 (2006.01) H01C 7/00 (2006.01) H01L 27/18 (2006.01) H01L 39/24 (2006.01)**
[25] EN
[54] **LOW TEMPERATURE RESISTOR FOR SUPERCONDUCTOR CIRCUITS**
[54] **RESISTANCE BASSE TEMPERATURE POUR DES CIRCUITS SUPRACONDUCTEURS**
[72] TALVACCHIO, JOHN J., US
[72] FOLK, ERICA C., US
[72] MCLAUGHLIN, SEAN R., US
[72] PHILLIPS, DAVID J., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2014-06-03
[86] 2012-12-17 (PCT/US2012/070066)
[87] (WO2013/137959)
[30] US (13/330,270) 2011-12-19

---

[11] **2,858,126**
[13] C
[51] **Int.Cl. C07C 67/10 (2006.01) C07C 67/52 (2006.01) C07C 69/734 (2006.01)**
[25] EN
[54] **SYNTHESIS OF CALEBIN-A AND ITS BIOLOGICALLY ACTIVE ANALOGS**
[54] **SYNTHESE DE LA CALEBINE A ET SES ANALOGUES BIOLOGIQUEMENT ACTIFS**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[72] MAJEED, ANJU, US
[72] THOMAS, SAMUEL MANOHARAN, IN
[73] MAJEED, MUHAMMED, US
[73] NAGABHUSHANAM, KALYANAM, US
[73] MAJEED, ANJU, US
[73] THOMAS, SAMUEL MANOHARAN, IN
[86] (2858126)
[87] (2858126)
[22] 2014-07-30
[30] US (14/320,649) 2014-07-01

---

[11] **2,861,316**
[13] C
[51] **Int.Cl. E21B 21/10 (2006.01) E21B 34/02 (2006.01)**
[25] EN
[54] **DENSITY BASED MECHANICAL VALVE CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE VANNE MECANIQUE BASE SUR LA MASSE VOLUMIQUE**
[72] NICHOLSON, CHRISTOPHER D., US
[73] M-I L.L.C., US
[85] 2014-07-14
[86] 2013-01-14 (PCT/US2013/021461)
[87] (WO2013/106843)
[30] US (61/586,193) 2012-01-13

---

[11] **2,861,891**
[13] C
[51] **Int.Cl. C07D 475/04 (2006.01) A61K 31/519 (2006.01) A61K 47/22 (2006.01) A61P 7/06 (2006.01) A61P 9/00 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01) A61P 39/02 (2006.01)**
[25] EN
[54] **CRYSTAL FORM OF (6S)-5-METHYLTETRAHYDROFOLATE SALT AND METHOD FOR PREPARING SAME**
[54] **FORME CRISTALLINE DE SEL (6S)-5-METHYLTETRAHYDROFOLATE ET PROCEDE POUR SA PREPARATION**
[72] WANG, ZHEQING, US
[72] CHENG, YONGZHI, CN
[72] HUANG, HENG, CN
[72] LI, HUIZHEN, CN
[73] LIANYUNGANG JINKANG HEXIN PHARMACEUTICAL CO. LTD., CN
[85] 2014-07-18
[86] 2012-12-17 (PCT/CN2012/086794)
[87] (WO2013/107236)
[30] CN (201210019038.4) 2012-01-20
[30] CN (201210018941.9) 2012-01-20
[30] CN (201210125133.2) 2012-04-25

[11] **2,863,659**
[13] C
[51] **Int.Cl. G01N 23/04 (2018.01) G01N 23/203 (2006.01) H05G 1/70 (2006.01) G01T 1/20 (2006.01) G01T 1/24 (2006.01)**
[25] EN
[54] **COMBINED SCATTER AND TRANSMISSION MULTI-VIEW IMAGING SYSTEM**
[54] **SYSTEME COMBINE D'IMAGERIE MULTIVUE DE DIFFUSION ET DE TRANSMISSION**
[72] MORTON, EDWARD JAMES, GB
[73] RAPISCAN SYSTEMS, INC., US
[85] 2014-08-01
[86] 2013-01-31 (PCT/US2013/024191)
[87] (WO2013/116549)
[30] US (61/594,625) 2012-02-03

---

[11] **2,863,676**
[13] C
[51] **Int.Cl. H01R 4/48 (2006.01) H01R 13/627 (2006.01)**
[25] EN
[54] **ELECTRICAL CONNECTOR WITH A PUSH-IN TYPE CONTACT**
[54] **CONNECTEUR ELECTRIQUE COMPORTANT UN CONTACT DU TYPE A ENFONCER**
[72] KESWANI, SUSHIL N., US
[73] IDEAL INDUSTRIES, INC., US
[85] 2014-07-31
[86] 2013-03-08 (PCT/US2013/029893)
[87] (WO2013/134648)
[30] US (13/416,432) 2012-03-09
[30] US (13/724,570) 2012-12-21

---

[11] **2,864,979**
[13] C
[51] **Int.Cl. D04B 1/24 (2006.01) A41C 1/08 (2006.01)**
[25] EN
[54] **SHEATHING KNITTED ELASTIC LOWER BODY GARMENT**
[54] **VETEMENT TRICOTE ELASTIQUE DE BAS DU CORPS GAINANT**
[72] TURLAN-VAN DER HOEVEN, MANON, FR
[72] HOUILLON, SYLVAIN, FR
[73] HANES OPERATIONS EUROPE SAS, FR
[85] 2014-08-19
[86] 2013-03-06 (PCT/FR2013/050477)
[87] (WO2013/132188)
[30] FR (1252079) 2012-03-07

---

[11] **2,865,499**
[13] C
[51] **Int.Cl. G01N 33/38 (2006.01) E21B 33/14 (2006.01) G01N 3/08 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **TESTING COMPRESSIVE AND TENSILE STRENGTH OF CEMENT IN A SINGLE DEVICE**
[54] **TEST DE LA FORCE DE COMPRESSION ET DE TENSION D'UN CIMENT DANS UN SEUL DISPOSITIF**
[72] MEADOWS, DAVID LEON, US
[72] BROWNING, ROBERT LEE, US
[72] DARBE, ROBERT PHILLIP, US
[72] JIMENEZ, WALMY CUELLO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-08-25
[86] 2013-02-06 (PCT/US2013/024879)
[87] (WO2013/130227)
[30] US (13/409,745) 2012-03-01

---

[11] **2,865,715**
[13] C
[51] **Int.Cl. A61K 31/27 (2006.01) A61K 9/70 (2006.01) A61K 47/32 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **TRANSDERMAL PATCH**
[54] **TIMBRE CUTANE ADHESIF**
[72] HIRAOKA, TAKAO, JP
[72] NAKANAMI, SHUTA, JP
[72] KOGA, TORU, JP
[73] NICHIBAN CO., LTD., JP
[85] 2014-08-27
[86] 2012-02-28 (PCT/JP2012/054907)
[87] (WO2013/128562)

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[11] **2,866,046**
[13] C
[51] **Int.Cl. A01B 63/111 (2006.01) A01B 33/00 (2006.01) A01B 33/16 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR AIR REMOVAL IN TILLAGE IMPLEMENTS USING THREE WAY VALVES**
[54] **APPAREIL ET PROCEDE D'ELIMINATION DE L'AIR DANS DES INSTRUMENTS ARATOIRES AU MOYEN DE VALVES A TROIS VOIES**
[72] HENRY, JAMES W., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2866046)
[87] (2866046)
[22] 2014-10-03
[30] US (61/914,678) 2013-12-11

---

[11] **2,869,594**
[13] C
[51] **Int.Cl. A61K 39/295 (2006.01) A61K 39/12 (2006.01)**
[25] EN
[54] **PCV/MYCOPLASMA HYOPNEUMONIAE COMBINATION VACCINE**
[54] **POLYVACCIN A BASE DE PCV/MYCOPLASMA HYOPNEUMONIAE**
[72] NITZEL, GREGORY P., US
[72] GALVIN, JEFFREY E., US
[72] GARRETT, JOHN KEITH, US
[72] KULAWIK, JAMES R., II, US
[72] RICKER, TRACY L., US
[72] SMUTZER, MEGAN MARIE, US
[73] ZOETIS SERVICES LLC, US
[85] 2014-10-03
[86] 2013-04-03 (PCT/US2013/035088)
[87] (WO2013/152083)
[30] US (61/620,175) 2012-04-04

[11] **2,869,821**
[13] C
[51] **Int.Cl. C08B 37/08 (2006.01) A61K 8/73 (2006.01) A61K 31/722 (2006.01) A61K 47/36 (2006.01) A61P 3/06 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **N,N,N-TRIALKYLAMINOPOLYMERS, METHODS OF THEIR PREPARATION AND USES THEREOF**
[54] **N,N,N-TRIALKYLAMINOPOLYMERES, METHODES DE PREPARATION ET UTILISATIONS ASSOCIEES**
[72] GAGNON, JONATHAN, CA
[73] RIVAL, SOCIETE EN COMMANDITE, CA
[85] 2014-10-07
[86] 2012-06-13 (PCT/CA2012/050399)
[87] (WO2012/171125)
[30] US (61/496,225) 2011-06-13

[11] **2,870,648**
[13] C
[51] **Int.Cl. G01N 33/50 (2006.01) C12M 1/34 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **DEVICE FOR PERFORMING AN ENZYME-BASED DIAGNOSTIC TEST AND METHODS FOR USE THEREOF**
[54] **DISPOSITIF POUR EFFECTUER UN TEST DIAGNOSTIQUE A BASE D'ENZYME ET PROCEDES POUR L'UTILISATION DE CELUI-CI**
[72] EHRENKRANZ, JOEL R. L., US
[73] EHRENKRANZ, JOEL R. L., US
[85] 2014-10-16
[86] 2013-04-12 (PCT/US2013/036453)
[87] (WO2013/158505)
[30] US (61/625,390) 2012-04-17
[30] US (61/740,975) 2012-12-21

[11] **2,870,914**
[13] C
[51] **Int.Cl. G06F 3/00 (2006.01) G06F 13/38 (2006.01)**
[25] EN
[54] **MODULAR APPARATUS AND SYSTEM FOR RECONFIGURABLE USER INPUTS**
[54] **APPAREIL MODULAIRE ET MECANISME D'ENTREES UTILISATEUR RECONFIGURABLES**
[72] CHU, CALVIN, CA
[72] DAVE, ASHOK PARTH, CA
[72] UI RASHID, SHADAB, CA
[72] TING, FRED, CA
[72] ZHOU, RAY, CA
[73] GRANT & UNION INC., CA
[86] (2870914)
[87] (2870914)
[22] 2014-11-13

[11] **2,871,215**
[13] C
[51] **Int.Cl. B01D 1/00 (2006.01) B01D 3/06 (2006.01) C07C 2/36 (2006.01)**
[25] EN
[54] **SEPARATION OF COMPONENTS FROM A MULTI-COMPONENT HYDROCARBON STREAM**
[54] **SEPARATION DE COMPOSANTS D'UN COURANT D'HYDROCARBURE A PLUSIEURS COMPOSANTS**
[72] VENTER, DENISE LOUISETTE, ZA
[72] BRIGMAN, NATASHA, ZA
[72] MCKNIGHT, TYRONE, ZA
[72] BLANN, KEVIN, ZA
[72] EVANS, STEPHEN JOHN, ZA
[73] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA
[85] 2014-10-22
[86] 2013-05-08 (PCT/IB2013/053686)
[87] (WO2013/168098)
[30] ZA (2012/03386) 2012-05-09

[11] **2,872,086**
[13] C
[51] **Int.Cl. G01S 1/00 (2006.01) H04W 56/00 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **MOTES FOR ENVIRONMENT MAPPING**
[54] **CAPTEURS POUR MAPPAGE DE L'ENVIRONNEMENT**
[72] TALNISHNIKH, ELENA, NL
[72] DUISTERWINKEL, HENDRIK ALBERT, NL
[72] WORTCHE, HEINRICH JOHANNES, NL
[72] VAN POL, JOHANNES HUBERTUS GERARDUS, NL
[73] INGU SOLUTIONS INC., CA
[86] (2872086)
[87] (2872086)
[22] 2014-11-25
[30] NL (2011892) 2013-12-04

[11] **2,872,173**
[13] C
[51] **Int.Cl. C05G 5/00 (2006.01) A01N 25/04 (2006.01) B01J 13/06 (2006.01) C05D 1/00 (2006.01) C05D 3/00 (2006.01) C05D 5/00 (2006.01) C05D 9/00 (2006.01) C05G 3/00 (2006.01)**
[25] EN
[54] **METHODS FOR RENDERING MICELLAR COORDINATION COMPLEXES SAFE FOR THE TREATMENT OF PLANTS AND FORMULATIONS FOR SAME**
[54] **PROCEDES DESTINES A RENDRE SURS DES COMPLEXES DE COORDINATION MICELLAIRE POUR LE TRAITEMENT DE PLANTES ET FORMULATIONS ASSOCIEES**
[72] NONOMURA, ARTHUR M., US
[73] INNOVATION HAMMER LLC, US
[85] 2014-10-30
[86] 2013-03-07 (PCT/US2013/029535)
[87] (WO2013/176731)
[30] US (61/649,422) 2012-05-21

[11] **2,872,387**
[13] C
[51] **Int.Cl. H04M 3/42 (2006.01) H04W 4/16 (2009.01) G06Q 50/12 (2012.01) H04M 3/54 (2006.01)**
[25] EN
[54] **HOSPITALITY PRIVATE BRANCH EXCHANGE (PBX) SYSTEM WITH DYNAMIC RULES FOR COMPLEMENTING MOBILE PHONES OF CURRENTLY CHECKED IN GUESTS**
[54] **SYSTEME DE COMMUTATEUR TELEPHONIQUE PRIVE D'ACCUEIL AVEC REGLES DYNAMIQUES SERVANT DE COMPLEMENT AUX TELEPHONES MOBILES DES CLIENTS ACTUELLEMENT INSCRITS**
[72] MCCOMB, RUSSELL D., US
[72] ABNETT, CHRISTOPHER, US
[72] MACMILLAN, ANDREW T., CA
[73] INNACLOUD TECHNOLOGIES LLC, US
[73] GUEST TEK INTERACTIVE ENTERTAINMENT LTD., CA
[86] (2872387)
[87] (2872387)
[22] 2014-11-26
[30] US (61/910,858) 2013-12-02
[30] US (61/952,088) 2014-03-12

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[11] **2,872,873**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **PLANT AND PROCESS FOR TREATING METHANE-CONTAINING GAS FROM NATURAL SOURCES**
[54] **INSTALLATION ET PROCEDE DESTINES AU TRAITEMENT DE GAZ NATUREL CONTENANT DU METHANE**
[72] BUSE, GERHARD, DE
[73] INGENIEURBURO BUSE GMBH, DE
[85] 2014-11-06
[86] 2012-02-21 (PCT/EP2012/052956)
[87] (WO2012/163554)
[30] DE (10 2011 102 923.4) 2011-05-31

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[11] **2,873,799**
[13] C
[51] **Int.Cl. E21B 19/06 (2006.01) E21B 7/20 (2006.01) E21B 17/07 (2006.01)**
[25] EN
[54] **SUBSEA DRILLING WITH CASING**
[54] **FORAGE SOUS-MARIN AVEC TUBAGE**
[72] TREVINO, JOSE A., US
[72] ODELL, ALBERT C., II, US
[72] TWARDOWSKI, ERIC M., US
[72] LE, TUONG THANH, US
[72] XU, WEI JAKE, US
[72] FEASEY, GUY F., GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2873799)
[87] (2873799)
[22] 2009-11-17
[62] 2,744,047
[30] US (61/199,510) 2008-11-17

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[11] **2,875,424**
[13] C
[51] **Int.Cl. F04B 53/02 (2006.01) F04B 39/00 (2006.01) F16J 15/56 (2006.01)**
[25] EN
[54] **WIPER SEAL ASSEMBLIES FOR A RECIPROCATING PUMP AND METHODS RELATING THERETO**
[54] **MECANISMES DE JOINT DE BALAIS POUR UNE POMPE ALTERNATIVE ET METHODES ASSOCIEES**
[72] WEAVER, RANDALL FERRAIN, US
[72] EGGLESTON, CLIFTON DEE, US
[73] NATIONAL OILWELL VARCO, L.P., US
[86] (2875424)
[87] (2875424)
[22] 2014-12-16
[30] US (14/536,272) 2014-11-07

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[11] **2,878,329**
[13] C
[51] **Int.Cl. H04L 12/18 (2006.01)**
[25] EN
[54] **DEVICE ORIENTATION CAPABILITY EXCHANGE SIGNALING AND SERVER ADAPTATION OF MULTIMEDIA CONTENT IN RESPONSE TO DEVICE ORIENTATION**
[54] **ECHANGE DE SIGNAUX RELATIFS A UNE CAPACITE D'ORIENTATION DE DISPOSITIF, ET ADAPTATION D'UN CONTENU MULTIMEDIA PAR UN SERVEUR EN REPONSE A UN CHANGEMENT D'ORIENTATION DU DISPOSITIF**
[72] OYMAN, OZGUR, US
[73] INTEL CORPORATION, US
[85] 2015-01-02
[86] 2013-06-24 (PCT/US2013/047284)
[87] (WO2014/022018)
[30] US (61/679,627) 2012-08-03
[30] US (61/719,241) 2012-10-26
[30] US (13/719,402) 2012-12-19

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[11] **2,879,786**
[13] C
[51] **Int.Cl. A23D 7/00 (2006.01)**
[25] EN
[54] **NEW FAT BLEND COMPOSITION**
[54] **NOUVELLE COMPOSITION DE MELANGE DE GRAISSES**
[72] PIISPA, EIJA, FI
[72] KARLOVITS, GYORGY, PL
[73] BUNGE NOVENYOLAJIPARI ZARTKORUEN MUKODO RESZVENYTARSASAG, HU
[85] 2015-01-22
[86] 2013-08-01 (PCT/EP2013/066198)
[87] (WO2014/020114)
[30] EP (12179149.5) 2012-08-03

[11] **2,880,181**
[13] C
[51] **Int.Cl. C12N 1/21 (2006.01) C12N 15/31 (2006.01) C12N 15/52 (2006.01)**
[25] EN
[54] **RECOMBINANT MICROORGANISM HAVING ENHANCED BUTANOL PRODUCING ABILITY AND METHOD FOR PRODUCING BUTANOL USING THE SAME**
[54] **MICRO-ORGANISME RECOMBINE AYANT UNE CAPACITE ACCRUE POUR PRODUIRE DU BUTANOL, ET PROCEDE DE PRODUCTION DE BUTANOL UTILISANT LEDIT MICRO-ORGANISME**
[72] LEE, SANG-HYUN, KR
[72] EOM, MOON-HO, KR
[73] GS CALTEX CORPORATION, KR
[85] 2015-01-26
[86] 2013-03-11 (PCT/KR2013/001951)
[87] (WO2014/021533)
[30] KR (10-2012-0083547) 2012-07-30

[11] **2,880,209**
[13] C
[51] **Int.Cl. B60N 3/04 (2006.01)**
[25] EN
[54] **REPLACEABLE CAR MAT HOLDER**
[54] **DISPOSITIF DE MAINTIEN DE TAPIS D'AUTO AMOVIBLE**
[72] GARBARINO, GWENDOLYN MARY, US
[73] SILVER PLUME, LLC, US
[86] (2880209)
[87] (2880209)
[22] 2015-01-27
[30] US (14/171,824) 2014-02-04

[11] **2,880,559**
[13] C
[51] **Int.Cl. D07B 7/12 (2006.01) C23F 11/08 (2006.01) D07B 1/00 (2006.01) E04C 5/02 (2006.01)**
[25] EN
[54] **CORROSION PROTECTION OF CABLES IN A CONCRETE STRUCTURE**
[54] **PROTECTION CONTRE LA CORROSION DE CABLES DANS UNE STRUCTURE DE BETON**
[72] WHITMORE, DAVID, CA
[73] WHITMORE, DAVID, CA
[85] 2015-01-29
[86] 2013-08-06 (PCT/CA2013/050604)
[87] (WO2014/026279)
[30] US (13/585,180) 2012-08-14

[11] **2,881,329**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR GROUPING CONTACTS IN SOCIAL NETWORK**
[54] **PROCEDE ET DISPOSITIF DE GROUPEMENT DE CONTACTS DANS UN RESEAU SOCIAL**
[72] LIU, YUEWEN, CN
[72] CHEN, CHUAN, CN
[72] JI, TASHAN, CN
[72] HE, PENG, CN
[72] MAI, JUNMING, CN
[72] LI, YUHUANG, CN
[72] CHEN, WEIHUA, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-02-06
[86] 2013-08-07 (PCT/CN2013/080972)
[87] (WO2014/023228)
[30] CN (201210282226.6) 2012-08-09

[11] **2,881,778**
[13] C
[51] **Int.Cl. A47L 15/44 (2006.01)**
[25] EN
[54] **WAREWASH MACHINE CHEMICAL SENSOR AND RELATED SYSTEM AND METHOD**
[54] **CAPTEUR DE PRODUIT CHIMIQUE DE LAVE-VAISSELLE AINSI QUE SYSTEME ET PROCEDE ASSOCIES**
[72] DICKEY, LARRY M., US
[72] FISCHER, DAVID L., US
[72] NEWCOMER, JEFFREY R., US
[72] WATSON, MICHAEL T., US
[72] PRYBOR, BRIAN R., US
[72] ANIM-MENSAH, ALEXANDER R., US
[73] PREMARK FEG L.L.C., US
[85] 2015-02-11
[86] 2013-08-02 (PCT/US2013/053330)
[87] (WO2014/031309)
[30] US (61/691,581) 2012-08-21
[30] US (13/826,480) 2013-03-14

[11] **2,881,891**
[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **CONTINUOUS FLOW SYSTEM FOR DRILLING OIL AND GAS WELLS**
[54] **MECANISME DE FLUX CONTINU POUR LE FORAGE DE PUITS DE PETROLE ET DE GAZ**
[72] BANSAL, RAM K., US
[72] GEORGE, GEOFF, US
[72] BUCHANAN, GERALD WES DON, CA
[72] CUNNINGHAM, JUSTIN, US
[72] DE LEON, EISENHOWER, US
[72] NOSKE, JOE, US
[72] RING, LEV, US
[72] LEAL, JERLIB J., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2881891)
[87] (2881891)
[22] 2015-02-12
[30] US (61/942,938) 2014-02-21
[30] US (14/617,270) 2015-02-09

[11] **2,882,150**
[13] C
[51] **Int.Cl. B25G 1/01 (2006.01) A01B 1/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE COMPRESSIBLE TOOL HANDLE**
[54] **POIGNEE D'OUTIL COMPRESSIBLE AJUSTABLE**
[72] FLAHERTY, STEVE, CA
[73] MULTI JUST IMPLEMENTS INC., CA
[86] (2882150)
[87] (2882150)
[22] 2015-02-18

[11] **2,882,337**
[13] C
[51] **Int.Cl. E02D 5/46 (2006.01) E02D 5/34 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR PIPE PILING PLACEMENT WITH CONTINUOUS GROUTING**
[54] **APPAREIL ET PROCEDES PERMETTANT UN PLACEMENT D'UN PIEU TUBULAIRE AVEC UN SCELLEMENT CONTINU**
[72] SUVER, PAUL W., US
[73] AMERICAN PILEDRIVING EQUIPMENT, INC., US
[85] 2015-02-17
[86] 2013-06-14 (PCT/US2013/045876)
[87] (WO2013/188758)
[30] US (61/660,292) 2012-06-15
[30] US (13/594,839) 2012-08-26
[30] US (61/831,554) 2013-06-05
[30] US (61/831,535) 2013-06-05
[30] US (13/917,183) 2013-06-13

[11] **2,884,893**
[13] C
[51] **Int.Cl. G21D 5/02 (2006.01) G21C 1/32 (2006.01) G21C 19/19 (2006.01) G21C 7/00 (2006.01) G21C 15/28 (2006.01)**
[25] EN
[54] **MODULAR TRANSPORTABLE NUCLEAR GENERATOR**
[54] **GENERATEUR NUCLEAIRE TRANSPORTABLE ET MODULAIRE**
[72] FILIPPONE, CLAUDIO, US
[72] VENNERI, FRANCESCO, US
[73] LOGOS TECHNOLOGIES LLC, US
[85] 2015-03-12
[86] 2013-09-12 (PCT/US2013/059445)
[87] (WO2014/043335)
[30] US (61/699,864) 2012-09-12

[11] **2,885,644**
[13] C
[51] **Int.Cl. F24C 15/20 (2006.01) F24C 15/12 (2006.01) F24C 15/28 (2006.01)**
[25] EN
[54] **REMOVABLE ENCLOSURE FOR RANGE TOPS**
[54] **ENCEINTE AMOVIBLE POUR PLAQUES DE CUISSON**
[72] DUONG, VU Q., CA
[73] DUONG, VU Q., CA
[86] (2885644)
[87] (2885644)
[22] 2015-03-19
[30] US (62/119,300) 2015-02-23

[11] **2,885,699**
[13] C
[51] **Int.Cl. B60R 9/00 (2006.01) B62D 33/02 (2006.01)**
[25] EN
[54] **UNIVERSAL MOUNT SYSTEM FOR PICKUP TRUCK BED**
[54] **DISPOSITIF D'INSTALLATION UNIVERSEL POUR PLATEFORME DE CAMIONNETTE**
[72] ROMANELLI, ROBERT, US
[73] EXTANG CORPORATION, US
[86] (2885699)
[87] (2885699)
[22] 2015-03-23
[30] US (14/245,231) 2014-04-04

[11] **2,886,678**
[13] C
[51] **Int.Cl. B05B 1/20 (2006.01) B05B 1/28 (2006.01) B05B 3/10 (2006.01)**
[25] EN
[54] **ROTATABLE SHROUD FOR DIRECTIONAL CONTROL OF APPLICATION AREA**
[54] **ENVELOPPE ROTATIVE DESTINEE AU CONTROLE DIRECTIONNEL D'UNE ZONE D'APPLICATION**
[72] PETERSON, JOHN, US
[72] ZIMMERMAN, JEFFREY, US
[72] BAK, JUSTIN, US
[73] AGCO CORPORATION, US
[85] 2015-03-25
[86] 2013-09-26 (PCT/US2013/061837)
[87] (WO2014/052536)
[30] US (61/707,482) 2012-09-28

[11] **2,889,021**
[13] C
[51] **Int.Cl. E21B 23/14 (2006.01) E21B 4/18 (2006.01)**
[25] EN
[54] **HIGH EXPANSION OR DUAL LINK GRIPPER**
[54] **ELEMENT DE SAISIE A GRANDE EXTENSION OU A DOUBLE LIAISON**
[72] MITCHELL, SARAH BRIANNE, US
[73] WWT NORTH AMERICA HOLDINGS, INC., US
[85] 2015-04-20
[86] 2012-10-25 (PCT/US2012/061988)
[87] (WO2013/063317)
[30] US (61/553,096) 2011-10-28
[30] US (61/588,544) 2012-01-19
[30] US (61/613,330) 2012-03-20
[30] US (13/659,780) 2012-10-24

[11] **2,890,306**
[13] C
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **CHARACTERIZATION OF THERMOSTABLE DNA POLYMERASE**
[54] **CARACTERISATION DE L'ADN POLYMERASE THERMOSTABLE**
[72] JUNG, LAURA, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-05-01
[86] 2013-12-18 (PCT/EP2013/077015)
[87] (WO2014/095951)
[30] US (61/740,162) 2012-12-20

[11] **2,891,187**
[13] C
[51] **Int.Cl. F03D 1/06 (2006.01)**
[25] EN
[54] **BLADE WITH A SPIKE-SHAPED REAR EDGE IN A WIND TURBINE**
[54] **PALE DOTEE D'UN REBORD ARRIERE EN FORME DE PIC POUR UNE TURBINE EOLIENNE**
[72] ALTMIKUS, ANDREE, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-05-11
[86] 2013-11-13 (PCT/EP2013/073753)
[87] (WO2014/086564)
[30] DE (10 2012 023 896.7) 2012-12-07
[30] DE (10 2013 204 637.5) 2013-03-15

[11] **2,891,256**
[13] C
[51] **Int.Cl. B01D 21/24 (2006.01) B08B 9/093 (2006.01)**
[25] EN
[54] **ENHANCED VORTEX FLUID TREATMENT APPARATUS, SYSTEM, AND METHOD FOR SEPARATING SOLIDS FROM SOLIDS-CONTAINING LIQUIDS**
[54] **APPAREIL DE TRAITEMENT AMELIORE DE FLUIDE TOURBILLONNAIRE, MECANISME ET METHODE DE SEPARATION DE SOLIDES DES LIQUIDES CONTENANT CES SOLIDES**
[72] SMITH, DONALD R., CA
[73] AMARILLO EQUITIES INC., CA
[86] (2891256)
[87] (2891256)
[22] 2015-05-14
[30] CA (2,853,391) 2014-06-03

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[11] **2,891,403**
[13] C
[51] **Int.Cl. G08B 13/193 (2006.01) G01J 5/08 (2006.01)**
[25] EN
[54] **INFRARED DETECTION DEVICE AND MASKING SECTION**
[54] **DISPOSITIF DE DETECTION INFRAROUGE ET SECTION DE MASQUAGE**
[72] HERRERA STROMBERG, JUAN SEBASTIAN, GB
[73] PYRONIX LIMITED, GB
[85] 2015-05-13
[86] 2013-11-12 (PCT/GB2013/052970)
[87] (WO2014/076465)
[30] GB (1220410.3) 2012-11-13

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[11] **2,891,451**
[13] C
[51] **Int.Cl. E02D 33/00 (2006.01) G01N 3/10 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TESTING HELICAL PILES**
[54] **METHODE ET EQUIPEMENT DE TEST DE PIEUX HELICOIDAUX**
[72] DINH, DUC, VN
[72] DINH, BIEN, VN
[73] ALMITA PILING INC., CA
[86] (2891451)
[87] (2891451)
[22] 2015-05-11
[30] US (62/126,252) 2015-02-27

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[11] **2,892,193**
[13] C
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 39/395 (2006.01) C07K 16/46 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **DUAL-TARGET ANTIBODY TARGETING VEGFR-2 AND DLL4, AND PHARMACEUTICAL COMPOSITION INCLUDING THE SAME**
[54] **ANTICORPS DOUBLE CIBLE CIBLANT LA VEGFR-2 ET LA DLL4, ET COMPOSITION PHARMACEUTIQUE COMPRENANT CES DEUX COMPOSANTES**
[72] KIM, JOONG KYU, KR
[72] YOO, JIN SAN, KR
[72] LEE, SANG HOON, US
[72] LEE, WEON SUP, KR
[72] KIM, SUNG WOO, KR
[72] SHIM, SANG RYEOL, KR
[72] YOO, JIN SANG, KR
[72] LEE, YOUNG AE, KR
[72] PARK, MI JU, KR
[72] BYUN, SANG SOON, KR
[72] LEE, HYUK JOON, KR
[72] KIM, DO YUN, KR
[72] KIM, YEUN JU, KR
[72] CHOI, JIN HEE, KR
[72] NAHM, KYUNG HEE, KR
[72] NAM, JU RYUNG, KR
[72] JEONG, JONG GEUN, KR
[72] JEONG, BO YOUNG, KR
[72] LEE, EUN JIN, KR
[72] LEE, SEON YOUNG, KR
[72] PARK, IN SOOK, KR
[72] LEE, JIN SOOK, KR
[72] YOON, JAE BONG, KR
[72] KIM, NAM YE, KR
[72] OH, SEON HWAN, KR
[73] PHARMABCINE INC., KR
[85] 2015-05-19
[86] 2013-11-20 (PCT/KR2013/010589)
[87] (WO2014/081202)
[30] KR (10-2012-0132431) 2012-11-21

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[11] **2,892,715**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 9/46 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR UNIFYING THE LISTING AND LAUNCHING OF APPLICATIONS AND PACKAGES SPREAD ACROSS MULTIPLE DOMAINS**
[54] **SYSTEME ET METHODE D'UNIFICATION DE LISTE ET DE LANCEMENT D'APPLICATIONS ET DE FORFAITS DISTRIBUES SUR PLUSIEURS DOMAINES**
[72] SINGH, RAVI, CA
[72] MAJOR, DANIEL JONAS, CA
[72] NAGARAJAN, SIVAKUMAR, CA
[72] GOODMAN, KEVIN DENNIS, CA
[73] BLACKBERRY LIMITED, CA
[73] 2236008 ONTARIO INC., CA
[86] (2892715)
[87] (2892715)
[22] 2015-05-26
[30] US (14/290,316) 2014-05-29

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[11] **2,892,967**
[13] C
[51] **Int.Cl. D21H 23/56 (2006.01) D21H 25/14 (2006.01) D21H 27/00 (2006.01) D21H 27/06 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING GLASSINE PAPER**
[54] **METHODE DE FABRICATION DE PAPIER CRISTAL**
[72] BERTRAND, JEAN-FRANCOIS, FR
[72] RUFFINO, MARCO, IT
[73] MUNKSJO OYJ, FI
[85] 2015-05-26
[86] 2013-12-02 (PCT/FI2013/051123)
[87] (WO2014/091071)
[30] FI (20126292) 2012-12-12

[11] **2,893,194**
[13] C
[51] **Int.Cl. B60R 21/013 (2006.01) B60P 1/00 (2006.01) B60P 1/04 (2006.01) B60R 21/00 (2006.01) G05D 1/02 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **TRANSPORTER VEHICLE AND TRANSPORTER VEHICLE CONTROL METHOD**
[54] **VEHICULE TRANSPORTEUR ET METHODE DE COMMANDE DE VEHICULE TRANSPORTEUR**
[72] OHSUGI, SHIGERU, JP
[72] SUGIHARA, MOTOHIDE, JP
[72] MITSUTA, SHINJI, JP
[73] KOMATSU LTD., JP
[85] 2014-11-14
[86] 2014-07-30 (PCT/JP2014/070138)
[87] (WO2016/016980)

[11] **2,893,796**
[13] C
[51] **Int.Cl. E02B 7/36 (2006.01) E02B 7/30 (2006.01) E02B 9/02 (2006.01) F03B 11/00 (2006.01) H02P 3/22 (2006.01) H02P 9/46 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING A WATER SLUICE GATE DRIVE FOR A WATER SLUICE GATE HAVING AN ELECTRIC MACHINE, SERVICE CONNECTION, WATER SLUICE GATE DRIVE AND HYDROELECTRIC POWER PLANT**
[54] **PROCEDE DE COMMANDE D'UN MECANISME D'ENTRAINEMENT D'UNE VANNE HYDRAULIQUE COMPRENANT UNE MACHINE ELECTRIQUE, CIRCUIT DE FONCTIONNEMENT, MECANISME D'ENTRAINEMENT D'UNE VANNE HYDRAULIQUE ET INSTALLATION HYDROELECTRIQUE**
[72] JANSSEN, ANDREAS, DE
[72] UPHOFF, HEINRICH, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-06-04
[86] 2013-12-18 (PCT/EP2013/077257)
[87] (WO2014/096113)
[30] DE (10 2012 224 188.4) 2012-12-21

[11] **2,894,104**
[13] C
[51] **Int.Cl. G01N 21/59 (2006.01) G01N 21/3577 (2014.01) G01N 21/359 (2014.01) G01J 3/08 (2006.01) G01J 3/42 (2006.01) G01N 21/25 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DETERMINING THE COMPOSITION OF A MIXTURE OF FLUIDS**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE DETERMINER LA COMPOSITION D'UN MELANGE DE FLUIDES**
[72] JONES, ROBERT, GB
[72] HAYES, MATTHEW JAMES, GB
[72] RYDER, PAUL DAVID, GB
[73] PIETRO FIORENTINI SPA, IT
[86] (2894104)
[87] (2894104)
[22] 2010-06-04
[62] 2,764,198
[30] GB (0909662.9) 2009-06-04

[11] **2,894,592**
[13] C
[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **INCONTINENCE IMPLANT ASSEMBLY**
[54] **ENSEMBLE IMPLANT D'INCONTINENCE**
[72] CHU, MICHAEL S.H., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2015-06-09
[86] 2014-03-04 (PCT/US2014/020381)
[87] (WO2014/138103)
[30] US (61/775,073) 2013-03-08
[30] US (14/195,596) 2014-03-03

[11] **2,895,739**
[13] C
[51] **Int.Cl. B62D 65/12 (2006.01) B60B 29/00 (2006.01)**
[25] EN
[54] **WHEEL MOUNTING SYSTEM**
[54] **MECANISME D'INSTALLATION DE ROUE**
[72] OBEROI, HARINDER, US
[72] REESE, RICHARD GRIFFITH, IV, US
[72] DO, QUANG T., US
[72] GUDZINSKI, GREGORY, US
[72] MILLER, JEFFREY LAWRENCE, US
[72] KOZAK, MICHAEL J., US
[73] THE BOEING COMPANY, US
[86] (2895739)
[87] (2895739)
[22] 2015-06-25
[30] US (62/022,641) 2014-07-09
[30] US (14/559,115) 2014-12-03

[11] **2,896,091**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-H7CR ANTIBODIES**
[54] **ANTICORPS ANTI-H7CR**
[72] LANGERMANN, SOLOMON, US
[72] LIU, LINDA, US
[72] YAO, SHENG, US
[72] CHEN, LIEPING, US
[73] AMPLIMMUNE, INC., US
[73] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2015-06-19
[86] 2013-12-23 (PCT/US2013/077586)
[87] (WO2014/100823)
[30] US (61/745,296) 2012-12-21
[30] US (61/745,312) 2012-12-21
[30] US (61/827,279) 2013-05-24
[30] US (61/827,269) 2013-05-24

[11] **2,896,953**
[13] C
[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/68 (2006.01) A61B 17/88 (2006.01)**
[25] EN
[54] **FIXATION IMPLANT DEVICES, SYSTEMS, KITS, AND METHODS**
[54] **DISPOSITIFS, MECANISMES, TROUSSES ET PROCEDES DE FIXATION D'IMPLANT**
[72] SCRUGGS, PHILIP CHARLES, US
[72] O'KANE, TIMOTHY MICHAEL, US
[72] THOREN, BRIAN, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-05-14
[86] 2015-01-28 (PCT/US2015/013256)
[87] (WO2016/122484)

[11] **2,897,361**
[13] C
[51] **Int.Cl. F28F 3/08 (2006.01) F28D 9/00 (2006.01) F28F 9/22 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER APPARATUS WITH MANIFOLD COOLING**
[54] **APPAREIL ECHANGEUR THERMIQUE COMPRENANT UN REFROIDISSEMENT SUR COLLECTEUR**
[72] GERGES, IHAB EDWARD, CA
[72] BURGERS, JOHN G., CA
[72] ZURAWEL, PETER, CA
[72] BOZHKOV, KOSTA, CA
[72] SHAHIDI, ZIA, CA
[73] DANA CANADA CORPORATION, CA
[85] 2015-07-07
[86] 2014-02-21 (PCT/CA2014/050123)
[87] (WO2014/127483)
[30] US (61/768,324) 2013-02-22

[11] **2,897,605**
[13] C
[51] **Int.Cl. B23P 6/00 (2006.01)**
[25] FR
[54] **PROCESS FOR MAKING A RIM COMPLIANT AND TOOLS FOR THE IMPLEMENTATION OF THE PROCESS**
[54] **PROCEDE DE REMISE EN CONFORMITE DE JANTE ET OUTILLAGE POUR LA MISE EN OEUVRE DU PROCEDE**
[72] SCHOENBOCK, CLEMENT, FR
[73] MESSIER-BUGATTI-DOWTY, FR
[86] (2897605)
[87] (2897605)
[22] 2015-07-15
[30] FR (14 57111) 2014-07-23

[11] **2,898,804**
[13] C
[51] **Int.Cl. A21D 13/80 (2017.01) A21D 10/04 (2006.01)**
[25] EN
[54] **SHELF-STABLE, BROWNIE PRODUCT**
[54] **PRODUIT DE TYPE BROWNIE LONGUE CONSERVATION**
[72] ENZ, JEFFREY F., US
[72] DRONEN, DANA, US
[72] KLOSTERMANN, ANDREA, US
[73] GENERAL MILLS, INC., US
[85] 2015-07-21
[86] 2013-05-28 (PCT/US2013/042796)
[87] (WO2014/116296)
[30] US (61/756,662) 2013-01-25

[11] **2,898,835**
[13] C
[51] **Int.Cl. D06F 37/00 (2006.01)**
[25] EN
[54] **LAUNDRY TREATMENT APPARATUS HAVING WATER SUPPLY UNIT IN DIRECT FLUIDIC COMMUNICATION WITH WATER DISCHARGE UNIT**
[54] **APPAREIL DE TRAITEMENT DE LESSIVE COMPORTANT UN MODULE D'APPROVISIONNEMENT EN EAU EN COMMUNICATION FLUIDIQUE DIRECTE AVEC UN MODULE D'EVACUATION D'EAU**
[72] LEE, JIHONG, KR
[72] SUNG, KIJUNG, KR
[73] LG ELECTRONICS INC., KR
[86] (2898835)
[87] (2898835)
[22] 2015-07-29
[30] KR (10-2014-0097235) 2014-07-30

[11] **2,900,758**
[13] C
[51] **Int.Cl. G01N 21/84 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TEXTURE ANALYSIS OF A COATED SURFACE USING MULTI-DIMENSIONAL GEOMETRIES**
[54] **SYSTEMES ET PROCEDES POUR ANALYSER LA TEXTURE D'UNE SURFACE REVETUE UTILISANT DES GEOMETRIQUES MULTIDIMENSIONNELLES**
[72] NORRIS, ALISON M., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-08-10
[86] 2014-03-06 (PCT/US2014/021104)
[87] (WO2014/158959)
[30] US (13/803,016) 2013-03-14

[11] **2,901,190**
[13] C
[51] **Int.Cl. A61M 25/09 (2006.01)**
[25] EN
[54] **ANCHORING GUIDEWIRE AND METHODS FOR USE**
[54] **FIL-GUIDE D'ANCRAGE ET PROCEDES D'UTILISATION**
[72] KELLY, PATRICK W., US
[73] SANFORD HEALTH, US
[85] 2015-08-12
[86] 2014-04-04 (PCT/US2014/032968)
[87] (WO2014/165754)
[30] US (61/809,134) 2013-04-05

[11] **2,901,705**
[13] C
[51] **Int.Cl. F21V 8/00 (2006.01) F21K 9/232 (2016.01)**
[25] EN
[54] **LIGHT GUIDE AND LED LAMP WITH THE LIGHT GUIDE**
[54] **GUIDE DE LUMIERE ET AMPOULE DEL DOTEE DU GUIDE DE LUMIERE**
[72] DENG, JINHONG, CN
[73] DENG, JINHONG, CN
[86] (2901705)
[87] (2901705)
[22] 2015-08-27
[30] CN (201520588274.7) 2015-08-06

[11] **2,901,717**
[13] C
[51] **Int.Cl. F41A 9/66 (2006.01) F41A 9/82 (2006.01)**
[25] EN
[54] **SLIDE OUT MAGAZINE HOLDER WITH INTEGRATED IMPELLER FACILITATING ONE-HANDED LOADING OF FIREARM**
[54] **SUPPORT DE MAGASIN COULISSANT SORTANT DOTE D'UNE HELICE INTEGREE FACILITANT LE CHARGEMENT A UNE MAIN D'UNE ARME A FEU**
[72] LICUDINE, MARLITO GENE, CA
[73] LICUDINE, MARLITO GENE, CA
[86] (2901717)
[87] (2901717)
[22] 2015-08-27

[11] **2,903,735**
[13] C
[51] **Int.Cl. B62B 15/00 (2006.01) B62B 17/00 (2006.01)**
[25] EN
[54] **RECREATIONAL BOBSLEIGH**
[54] **TRAINEAU RECREATIF**
[72] RAYMOND, NICOLAS, CA
[72] RAYMOND, MERCIER, CA
[73] RAYMOND, NICOLAS, CA
[73] RAYMOND, MERCIER, CA
[86] (2903735)
[87] (2903735)
[22] 2015-09-11
[30] GB (1416195.4) 2014-09-12

[11] **2,907,777**
[13] C
[51] **Int.Cl. E21B 21/06 (2006.01) E21B 37/00 (2006.01)**
[25] EN
[54] **WELLBORE FLUIDS COMPRISING MINERAL PARTICLES AND METHODS RELATING THERETO**
[54] **LIQUIDES DE TROU DE FORAGE COMPRENANT DES PARTICULES MINERALES ET PROCEDES ASSOCIES**
[72] JAMISON, DALE E., US
[72] LANDIS, CHARLES, US
[72] DEVILLE, JAY, US
[72] MCDANIEL, CATO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-21
[86] 2014-05-15 (PCT/US2014/038201)
[87] (WO2014/189764)
[30] US (13/898,713) 2013-05-21

[11] **2,908,429**
[13] C
[51] **Int.Cl. E21B 33/138 (2006.01) C09K 8/508 (2006.01) C09K 8/524 (2006.01) E21B 37/06 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING METHODS AND COMPOSITIONS COMPRISING DEGRADABLE POLYMERS**
[54] **PROCEDES ET COMPOSITIONS COMPRENANT DES POLYMERES DEGRADABLES POUR L'ENTRETIEN DE PUITS DE FORAGE**
[72] REDDY, B. RAGHAVA, US
[72] CORTEZ, JANETTE, US
[72] OGLE, JAMES WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-29
[86] 2014-08-25 (PCT/US2014/052546)
[87] (WO2015/065575)
[30] US (14/065,701) 2013-10-29

[11] **2,908,632**
[13] C
[51] **Int.Cl. A47L 13/254 (2006.01)**
[25] EN
[54] **MOP COVER**
[54] **GARNITURE D'ESSUYAGE**
[72] WILMES, SABINE, DE
[72] GIBIS, KARL-LUDWIG, DE
[72] PHILIPP, DIETER, DE
[72] MAST, CHRISTIAN, DE
[72] SCHMITT, LARS, DE
[72] WALTER, SUSANNE, DE
[73] CARL FREUDENBERG KG, DE
[85] 2015-10-02
[86] 2014-04-03 (PCT/EP2014/000887)
[87] (WO2014/173493)
[30] DE (10 2013 007 124.0) 2013-04-25
[30] DE (10 2013 009 372.4) 2013-06-05

[11] **2,908,751**
[13] C
[51] **Int.Cl. H05B 37/02 (2006.01) F21V 23/00 (2015.01)**
[25] EN
[54] **LIGHTING CONTROL WITH INTEGRAL DIMMING**
[54] **COMMANDE D'ECLAIRAGE DOTEE D'UN GRADATEUR INTEGRAL**
[72] WAGNER, PHILLIP RYAN, US
[72] BURT, ROBERT, US
[72] SHELTON, CHRISTOPHER SCOTT, US
[73] ABL IP HOLDING LLC, US
[86] (2908751)
[87] (2908751)
[22] 2015-10-15
[30] US (62/064,240) 2014-10-15

[11] **2,909,402**
[13] C
[51] **Int.Cl. E04B 1/06 (2006.01) E04B 1/10 (2006.01) E04B 1/18 (2006.01) E04B 1/22 (2006.01) E04B 5/12 (2006.01) E04B 5/16 (2006.01) E04C 1/40 (2006.01) E04C 2/10 (2006.01) E04C 2/26 (2006.01) E04C 2/38 (2006.01) E04C 2/42 (2006.01) E04C 3/12 (2006.01) E04C 3/18 (2006.01) E04C 3/26 (2006.01) E04C 3/28 (2006.01) E04C 3/29 (2006.01) E04C 3/293 (2006.01) E04C 5/08 (2006.01) E04C 5/12 (2006.01) E04C 5/20 (2006.01)**
[25] EN
[54] **PRE-STRESSED BEAMS OR PANELS**
[54] **BARRES OU PANNEAUX PRECONTRAINT(E)S**
[72] PALERMO, ALESSANDRO, NZ
[72] PAMPANIN, STEFANO, NZ
[73] UNIVERSITY OF CANTERBURY, NZ
[85] 2015-10-09
[86] 2014-05-06 (PCT/NZ2014/000081)
[87] (WO2014/182178)
[30] US (61/819,724) 2013-05-06

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[11] **2,909,948**
[13] C
[51] **Int.Cl. H01M 8/04298 (2016.01) H01M 8/04029 (2016.01) H01M 8/0432 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM, FUEL CELL VEHICLE AND CONTROL METHOD OF FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE, VEHICULE A PILE A COMBUSTIBLE ET METHODE DE COMMANDE D'UN SYSTEME DE PILE A COMBUSTIBLE**
[72] YAMADA, TAKASHI, JP
[72] NADA, MITSUHIRO, JP
[72] MARUO, TSUYOSHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909948)
[87] (2909948)
[22] 2015-10-22
[30] JP (2014-231826) 2014-11-14

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[11] **2,910,182**
[13] C
[51] **Int.Cl. G06Q 20/32 (2012.01) H04W 4/24 (2018.01)**
[25] EN
[54] **PAYMENT CODES FOR ENHANCED CONSUMER EXPERIENCE**
[54] **CODES DE PAIEMENT CONCUS POUR AMELIORER L'EXPERIENCE DU CONSOMMATEUR**
[72] CHITALIA, JALPESH K., US
[72] ANSARI, ANSAR, US
[72] VISWANATH, KARUN, US
[72] BAIG, ATTAULLAH M., US
[72] POTIREDDY, SIREESH, US
[72] WONG, CATHERINE, US
[72] PHILLIPS, GAVIN, US
[72] ESCH, DARRELL, US
[72] VELANI, MELIK, US
[72] MARDIKAR, UPENDRA S., US
[73] PAYPAL, INC., US
[85] 2015-10-22
[86] 2014-05-07 (PCT/US2014/037187)
[87] (WO2014/182840)
[30] US (61/821,172) 2013-05-08
[30] US (13/931,691) 2013-06-28

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[11] **2,910,617**
[13] C
[51] **Int.Cl. B62J 15/00 (2006.01)**
[25] EN
[54] **FRONT FENDER OF SADDLE-TYPE VEHICLE**
[54] **GARDE-BOUE AVANT D'UN VEHICULE DE TYPE A SELLETTE**
[72] OSHIMA, HIDEKAZU, JP
[72] EBIHARA, TAKUYA, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2910617)
[87] (2910617)
[22] 2015-10-28
[30] JP (2014-237589) 2014-11-25

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[11] **2,910,660**
[13] C
[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/575 (2006.01) C09K 8/68 (2006.01) E21B 43/04 (2006.01)**
[25] EN
[54] **METHODS OF USING AQUEOUS WELLBORE SERVICING COMPOSITIONS COMPRISING A RESIN AND AN ORGANOSILANE**
[54] **PROCEDES D'UTILISATION DE COMPOSITIONS AQUEUSES POUR L'ENTRETIEN DE PUITS DE FORAGE COMPRENANT UNE RESINE ET UN ORGANOSILANE**
[72] TANG, TINGJI, US
[72] LIANG, FENG, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-10-27
[86] 2014-05-29 (PCT/US2014/039926)
[87] (WO2014/197269)
[30] US (13/909,533) 2013-06-04

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[11] **2,911,111**
[13] C
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/04 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **APPARATUS FOR HYDROCARBON RESOURCE RECOVERY INCLUDING A DOUBLE-WALL STRUCTURE AND RELATED METHODS**
[54] **APPAREIL DE RECUPERATION DE RESSOURCE D'HYDROCARBURE COMPORTANT UNE STRUCTURE A DOUBLE PAROI ET METHODES ASSOCIEES**
[72] WHITE, JOHN E., US
[72] HANN, MURRAY, US
[72] WRIGHT, BRIAN N., US
[72] TRAUTMAN, MARK, US
[72] HEWIT, RAYMOND C., US
[73] HARRIS CORPORATION, US
[86] (2911111)
[87] (2911111)
[22] 2015-11-02
[30] US (14/561,657) 2014-12-05

[11] **2,911,159**
[13] C
[51] **Int.Cl. H04W 48/14 (2009.01) H04W 48/16 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMING WIRELESS DOCKING SERVICE**
[54] **PROCEDE ET APPAREIL DESTINES A REALISER UN SERVICE D'ACCUEIL SANS FIL**
[72] LEE, JAEHO, KR
[72] KIM, DONGCHEOL, KR
[72] LEE, HYEONJAE, KR
[72] KIM, JINPIL, KR
[72] LEE, BYUNGJOO, KR
[72] CHOI, KOH, KR
[72] CHOI, INHWAN, KR
[72] LEE, MINSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-10-30
[86] 2014-04-29 (PCT/KR2014/003744)
[87] (WO2014/178592)
[30] US (61/818,405) 2013-05-01
[30] US (61/945,096) 2014-02-26

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[11] **2,911,791**
[13] C
[51] **Int.Cl. B09C 1/02 (2006.01)**
[25] EN
[54] **DISSOLVED PHASE CONTAMINANT RECOVERY SYSTEM AND METHOD FOR USING SAME**
[54] **MECANISME DE RECUPERATION DE CONTAMINANT EN PHASE DISSOUTE ET METHODE D'UTILISATION ASSOCIEE**
[72] DALLYN, SHERREE, CA
[72] MURPHY, CALVIN, CA
[73] NORTH SHORE ENVIRONMENTAL CONSULTANTS INC., CA
[86] (2911791)
[87] (2911791)
[22] 2015-11-10
[30] US (62/079,705) 2014-11-14

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[11] **2,911,840**
[13] C
[51] **Int.Cl. G01V 1/38 (2006.01)**
[25] EN
[54] **ARCTIC SEISMIC SURVEYING OPERATIONS**
[54] **OPERATIONS D'ETUDE SISMIQUE DANS L'ARTIQUE**
[72] GAGLIARDI, JOSEPH R., US
[72] RICE, SHAWN, US
[72] SCHNEIDER, CURT, US
[72] CUNKELMAN, JEFFREY W., US
[72] DUDLEY, TIMOTHY A., US
[72] LAMBERT, DALE, US
[72] BURNHAM, MIKE, US
[72] PIERCE, RAY, US
[73] ION GEOPHYSICAL CORPORATION, US
[73] GAGLIARDI, JOSEPH R., US
[73] RICE, SHAWN, US
[73] SCHNEIDER, CURT, US
[73] CUNKELMAN, JEFFREY W., US
[73] DUDLEY, TIMOTHY A., US
[73] LAMBERT, DALE, US
[73] BURNHAM, MIKE, US
[73] PIERCE, RAY, US
[85] 2015-09-14
[86] 2014-03-17 (PCT/US2014/030697)
[87] (WO2014/145861)
[30] US (61/793,446) 2013-03-15

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[11] **2,911,965**
[13] C
[51] **Int.Cl. C12P 19/18 (2006.01) C07K 16/00 (2006.01) C12N 9/10 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE MONO- AND BI-SIALYLATION OF GLYCOPROTEINS EMPLOYING N-TERMINALLY TRUNCATED BETA-GALACTOSIDE ALPHA-2,6-SIALYLTRANSFERASE MUTANTS**
[54] **PROCEDE DE MONOSIALYLATION ET DE BISIALYLATION DE GLYCOPROTEINES METTANT EN OEUVRE DES MUTANTS DE LA BETA-GALACTOSIDE-ALPHA-2,6-SIALYL-TRANSFERASE AVEC TRONCATURES A L'EXTREMITE N-TERMINALE**
[72] CZABANY, TIBOR, AT
[72] ENGEL, ALFRED, DE
[72] GREIF, MICHAEL, DE
[72] JUNG, CHRISTINE, DE
[72] LULEY, CHRISTIANE, AT
[72] MALIK, SEBASTIAN, DE
[72] MUELLER, RAINER, DE
[72] NIDETZKY, BERND, AT
[72] RIBITSCH, DORIS, AT
[72] SCHMOELZER, KATHARINA, AT
[72] SCHWAB, HELMUT, AT
[72] SOBEK, HARALD, DE
[72] SUPPMANN, BERNHARD, DE
[72] THOMANN, MARCO, DE
[72] ZITZENBACHER, SABINE, AT
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-11-09
[86] 2014-07-03 (PCT/EP2014/064213)
[87] (WO2015/001033)
[30] EP (13175347.7) 2013-07-05

[11] **2,912,434**
[13] C
[51] **Int.Cl. E21B 47/007 (2012.01) E21B 47/008 (2012.01) E21B 21/08 (2006.01)**
[25] EN
[54] **DOWNHOLE DRILLING OPTIMIZATION COLLAR WITH FIBER OPTICS**
[54] **COLLIER D'OPTIMISATION DE FORAGE DE FOND DE TROU AYANT DES FIBRES OPTIQUES**
[72] KADAM, RATISH SUHAS, IN
[72] BODAKE, ABHAY, IN
[72] GAIKWAD, RAHUL RAMCHANDRA, IN
[72] PUROHIT, ANKIT, IN
[72] GAJJI, BHARGAV, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-12
[86] 2013-08-20 (PCT/US2013/055825)
[87] (WO2015/026332)

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[11] **2,912,459**
[13] C
[51] **Int.Cl. B23Q 3/18 (2006.01) B25H 1/00 (2006.01)**
[25] EN
[54] **STOCK GUIDE ASSEMBLY**
[54] **ENSEMBLE DE GUIDAGE DE RESERVES**
[72] SMITH, DARRIN E., CA
[73] JESSEM PRODUCTS LIMITED, CA
[85] 2015-11-13
[86] 2014-05-26 (PCT/CA2014/050491)
[87] (WO2014/190432)
[30] US (13/904,803) 2013-05-29

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[11] **2,912,861**
[13] C
[51] **Int.Cl. C09K 8/62 (2006.01) C09K 8/035 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **TREATMENT FLUIDS WITH NON-OXIDIZER CLASS INORGANIC PEROXIDE POLYMER BREAKERS AND METHODS OF USE THEREOF**
[54] **FLUIDES DE TRAITEMENT RENFERMANT DES AGENTS DE DECOMPOSITION DE POLYMERES PEROXYDES INORGANIQUES DE LA CLASSE DES NON-OXYDANTS ET LEUR PROCEDE D'UTILISATION**
[72] DOBSON, JAMES W., JR., US
[72] HAYDEN, SHAUNA L., US
[72] TRESCO, KIM O., US
[73] TUCC TECHNOLOGY, LLC, US
[85] 2015-11-18
[86] 2014-05-23 (PCT/US2014/039461)
[87] (WO2014/190335)
[30] US (61/827,064) 2013-05-24

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[11] **2,912,904**
[13] C
[51] **Int.Cl. G02B 6/38 (2006.01) A61B 5/0215 (2006.01)**
[25] EN
[54] **INTERFACE CONNECTOR HANDLE FOR DISPOSABLE GUIDEWIRE OPTICAL CONNECTION**
[54] **POIGNEE DE RACCORD D'INTERFACE DESTINEE A UNE CONNEXION OPTIQUE DE FIL-GUIDE JETABLE**
[72] BELLEVILLE, CLAUDE, CA
[72] LALANCETTE, SEBASTIEN, CA
[72] PROULX, ALAIN, CA
[73] OPSENS INC., CA
[86] (2912904)
[87] (2912904)
[22] 2012-08-30
[62] 2,848,728
[30] US (61/529,029) 2011-08-30

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[11] **2,913,560**
[13] C
[51] **Int.Cl. A01C 7/18 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AGRICULTURE USING A SEED TAPE**
[54] **SYSTEME ET METHODE DE CULTURE AGRICOLE AU MOYEN D'UN RUBAN DE SEMENCES**
[72] FAIVRE, STEPHEN M., US
[72] DESAI, PINAKIN, US
[72] TAYLOR, NATE, US
[72] MONK, KEVIN, US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2913560)
[87] (2913560)
[22] 2015-11-26
[30] US (14/559,271) 2014-12-03

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[11] **2,913,943**
[13] C
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/30 (2016.01) A61B 1/05 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **ARTICULATED TOOL POSITIONER AND SYSTEM EMPLOYING SAME**
[54] **DISPOSITIF ARTICULE DE POSITIONNEMENT D'OUTIL ET SYSTEME L'UTILISANT**
[72] ROBERT, RENE, US
[72] ZITNICK, DAVID ALLEN, US
[72] CAMERON, PETER JOHN KENNETH, US
[72] FARIA, LEONARD M., US
[72] BAJO, ANDREA, US
[73] TITAN MEDICAL INC., CA
[85] 2015-11-30
[86] 2013-12-20 (PCT/CA2013/001076)
[87] (WO2014/201538)
[30] US (61/837,112) 2013-06-19

[11] **2,914,291**
[13] C
[51] **Int.Cl. G05D 1/10 (2006.01) B64D 45/04 (2006.01)**
[25] EN
[54] **A METHOD OF AUTOMATICALLY CONTROLLING THE DESCENT PHASE OF AN AIRCRAFT USING AIRCRAFT AVIONICS EXECUTING A DESCENT ALGORITHM**
[54] **PROCEDE DE COMMANDE AUTOMATIQUE DE LA PHASE DE DESCENTE D'UN AERONEF AU MOYEN D'UN SYSTEME D'AVIONIQUE DE BORD EXECUTANT UN ALGORITHME DE DESCENTE**
[72] ALI, SHERIF FOUAD, US
[72] DARNELL, MARK LAWRENCE, US
[73] GE AVIATION SYSTEMS LLC, US
[86] (2914291)
[87] (2914291)
[22] 2015-12-10
[30] US (14/581,709) 2014-12-23

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[11] **2,915,946**
[13] C
[51] **Int.Cl. A01D 34/66 (2006.01) A01D 34/76 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **WIDE CUT ROTARY HEADER HAVING VERTICALLY INTERMESHED CROP CONVEYING DISCS**
[54] **TETE ROTATIVE DE COUPE LARGE AVEC DES DISQUES DE TRANSPORT DE RECOLTE ENGRENES VERTICALEMENT**
[72] OLANDER, BRIAN, US
[72] PRUITT, MARTIN E., US
[73] AGCO CORPORATION, US
[86] (2915946)
[87] (2915946)
[22] 2015-12-21
[30] US (62/097,715) 2014-12-30

---

[11] **2,916,210**
[13] C
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/127 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **DOWNHOLE VALVE FOR FLUID ENERGIZED PACKERS**
[54] **CLAPET DE FOND DE TROU POUR GARNITURES D'ETANCHEITE ALIMENTEES PAR FLUIDE**
[72] VLIELANDER, RAY, US
[72] GONAS, DENNIS, US
[72] WYATT, MARK, US
[72] PHILLIPS, ROSS, US
[73] TAM INTERNATIONAL, INC., US
[85] 2015-12-18
[86] 2014-06-20 (PCT/US2014/043456)
[87] (WO2014/205373)
[30] US (61/837,876) 2013-06-21

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[11] **2,917,200**
[13] C
[51] **Int.Cl. H04N 19/33 (2014.01) H04N 19/157 (2014.01) H04N 19/174 (2014.01) H04N 19/46 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SCALABLE CODING OF VIDEO INFORMATION**
[54] **DISPOSITIF ET PROCEDE DE CODAGE EVOLUTIF D'INFORMATIONS VIDEO**
[72] CHEN, JIANLE, US
[72] SEREGIN, VADIM, US
[72] LI, XIANG, US
[72] RAPAKA, KRISHNAKANTH, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-12-31
[86] 2014-07-18 (PCT/US2014/047250)
[87] (WO2015/013137)
[30] US (61/857,165) 2013-07-22
[30] US (61/886,997) 2013-10-04
[30] US (14/334,417) 2014-07-17

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[11] **2,917,619**
[13] C
[51] **Int.Cl. B61B 12/00 (2006.01)**
[25] EN
[54] **DEVICE FOR REPLACING ROLLER SETS**
[54] **DISPOSITIF PERMETTANT DE REMPLACER DES BATTERIES DE GALETS**
[72] SUTTER, JOSEF, AT
[72] LINDER, STEFAN, AT
[72] FISCHER, HARALD, AT
[73] INNOVA PATENT GMBH, AT
[85] 2016-01-07
[86] 2014-06-26 (PCT/AT2014/000133)
[87] (WO2015/003196)
[30] AT (A 574/2013) 2013-07-11

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[11] **2,918,018**
[13] C
[51] **Int.Cl. A01C 7/20 (2006.01) B65G 53/56 (2006.01) B65G 53/60 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DISTRIBUTING SEED FROM A CENTRAL SOURCE TO A PLURALITY OF SEED METERING UNITS OF AN AGRICULTURAL SEEDING MACHINE**
[54] **PROCEDE ET APPAREIL D'EPANDAGE DE SEMENCES A PARTIR D'UNE SOURCE CENTR E DANS LES UNITES DE DOSAGE DE SEMENCES D'UNE MACHINE D'ENSEMENCEMENT RICOLE**
[72] NAYLOR, MATTHEW S., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2918018)
[87] (2918018)
[22] 2011-12-09
[62] 2,761,441
[30] US (13/114,398) 2011-05-24

[11] **2,918,145**
[13] C
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 9/72 (2006.01) A61K 31/192 (2006.01) A61K 31/465 (2006.01) A61M 15/06 (2006.01) A61P 25/34 (2006.01) C07C 65/03 (2006.01)**
[25] EN
[54] **NICOTINE SALT WITH META-SALICYLIC ACID**
[54] **SEL DE NICOTINE AVEC DE L'ACIDE META-SALICYLIQUE**
[72] MYERS, DANIEL J., US
[72] CASSELLA, JAMES, US
[73] ALEXZA PHARMACEUTICALS, INC., US
[85] 2016-01-12
[86] 2014-07-11 (PCT/US2014/046288)
[87] (WO2015/006652)
[30] US (61/845,333) 2013-07-11
[30] US (62/020,766) 2014-07-03

---

[11] **2,918,697**
[13] C
[51] **Int.Cl. E21B 25/02 (2006.01) E21B 25/04 (2006.01) E21B 49/06 (2006.01)**
[25] EN
[54] **CORING TOOLS AND METHODS FOR MAKING CORING TOOLS AND PROCURING CORE SAMPLES**
[54] **OUTILS DE CAROTTAGE ET PROCEDES PERMETTANT DE FABRIQUER DES OUTILS DE CAROTTAGE ET DE SE PROCURER DES ECHANTILLONS DE CAROTTE**
[72] WESEMEIER, CHRISTOPH, DE
[72] UHLENBERG, THOMAS, DE
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-01-18
[86] 2014-07-18 (PCT/US2014/047165)
[87] (WO2015/010003)
[30] US (61/847,911) 2013-07-18

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[11] **2,919,409**
[13] C
[51] **Int.Cl. E21B 33/068 (2006.01) E21B 43/25 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **METHOD FOR DRY INJECTING BALLS FOR WELLBORE OPERATIONS**
[54] **METHODE D'INJECTION A SEC DE BALLES DANS LES OPERATIONS DE TROU DE FORAGE**
[72] CHEREWYK, BORIS (BRUCE) P., CA
[72] GILL, MICHAEL G., CA
[73] ISOLATION EQUIPMENT SERVICES INC., CA
[86] (2919409)
[87] (2919409)
[22] 2016-02-01
[30] US (62/141,430) 2015-04-01
[30] US (62/145,016) 2015-04-09

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[11] **2,919,691**
[13] C
[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **INPUT AUTHENTICATION METHOD, INPUT AUTHENTICATION SYSTEM AND LOCK WITH INPUT AUTHENTICATION SYSTEM**
[54] **METHODE D'AUTHENTIFICATION D'ENTREE, SYSTEME D'AUTHENTIFICATION D'ENTREE ET VERROU DOTE D'UN SYSTEME D'AUTHENTIFICATION D'ENTREE**
[72] LU, SHIH-MIN, TW
[72] SHIU, JIUN-NAN, TW
[73] TAIWAN FU HSING INDUSTRIAL CO., LTD., CN
[86] (2919691)
[87] (2919691)
[22] 2016-02-02
[30] TW (104130882) 2015-09-18

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[11] **2,919,724**
[13] C
[51] **Int.Cl. G01N 21/49 (2006.01)**
[25] EN
[54] **CHARACTERIZATION OF POLYMER AND COLLOID SOLUTIONS**
[54] **CARACTERISATION DE SOLUTIONS POLYMERIQUE ET COLLOIDALE**
[72] REED, WAYNE FREDERICK, US
[72] DRENSKI, MICHAEL FELIX, US
[72] REED, ALEX WAYNE, US
[73] ADVANCED POLYMER MONITORING TECHNOLOGIES, INC., US
[73] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
[85] 2016-01-27
[86] 2014-08-20 (PCT/US2014/051953)
[87] (WO2015/026984)
[30] US (61/868,050) 2013-08-20
[30] US (62/002,111) 2014-05-22

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[11] **2,919,790**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **ANTI-CXCR4 ANTIBODIES AND ANTIBODY-DRUG CONJUGATES**
[54] **ANTICORPS ANTI-CXCR4 ET CONJUGUES ANTICORPS-MEDICAMENTS**
[72] HO, WEI-HSIEN, US
[72] LIU, SHU-HUI, US
[72] PERNASETTI, FLAVIA MERCER, US
[73] PFIZER INC., US
[85] 2016-01-28
[86] 2014-07-28 (PCT/IB2014/063483)
[87] (WO2015/015401)
[30] US (61/861,706) 2013-08-02

[11] **2,920,067**
[13] C
[51] **Int.Cl. H04N 21/643 (2011.01) H04N 21/236 (2011.01) H04L 12/951 (2013.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNAL, APPARATUS FOR RECEIVING BROADCAST SIGNAL, METHOD FOR TRANSMITTING BROADCAST SIGNAL AND METHOD FOR RECEIVING BROADCAST SIGNAL**
[54] **APPAREIL DE TRANSMISSION D'UN SIGNAL DIFFUSE, APPAREIL DE RECEPTION D'UN SIGNAL DIFFUSE, METHODE DE TRANSMISSION D'UN SIGNAL DIFFUSE ET METHODE DE RECEPTION D'UN SIGNAL DIFFUSE**
[72] KWON, WOOSUK, KR
[72] KWAK, MINSUNG, KR
[72] MOON, KYOUNGSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-02-05
[86] 2015-12-08 (PCT/KR2015/013364)
[87] (WO2016/093586)
[30] US (62/090,352) 2014-12-10
[30] US (62/090,860) 2014-12-11

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[11] **2,921,075**
[13] C
[51] **Int.Cl. G08C 17/02 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR TRANSMITTING ELECTRICAL QUANTITY DATA BASED ON BEIDOU SATELLITE COMMUNICATION**
[54] **SYSTEME, METHODE ET APPAREIL DE TRANSMISSION DE DONNEES QUANTITATIVES DE CONSOMMATION ELECTRIQUE FONDES SUR LA COMMUNICATION SATELLITE BEIDOU**
[72] ZHOU, QUNXING, CN
[72] LIU, SHILIANG, CN
[72] WANG, WEIQING, CN
[72] JIN, JIN, CN
[72] LIU, WEN, CN
[72] WANG, DONGFANG, CN
[72] LI, HUAIYUAN, CN
[72] ZHANG, WENFEI, CN
[73] STATE GRID CORPORATION OF CHINA, CN
[73] INFORMATION & COMMUNICATION COMPANY OF QINGHAI ELECTRIC POWER CORPORATION, CN
[73] QINGHAI RUIFENG ELECTRIC TECHNOLOGY CO., LTD., CN
[73] BEIJING GUOZHIHENG POWER MANAGEMENT TECHNOLOGY GROUP CO., LTD, CN
[73] QINGHAI ELECTRIC POWER CORPORATION OF SGCC, CN
[85] 2016-02-11
[86] 2013-09-23 (PCT/CN2013/083996)
[87] (WO2015/024284)
[30] CN (201320516499.2) 2013-08-22
[30] CN (201310370054.2) 2013-08-22

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[11] **2,921,754**
[13] C
[51] **Int.Cl. F03B 5/00 (2006.01)**
[25] EN
[54] **PRECESSION FLUID TURBINE**
[54] **ROUE DE TURBINE A FLUIDE DE PRECESSION**
[72] SEDLACEK, MIROSLAV, CZ
[72] HOSTIN, STANISLAV, CZ
[72] JANIK, IGOR, CZ
[73] AMK ENERGY COMP. S.R.O., CS
[85] 2016-02-18
[86] 2014-08-29 (PCT/CZ2014/000093)
[87] (WO2015/032368)
[30] CZ (PV 2013-681) 2013-09-05

---

[11] **2,921,841**
[13] C
[51] **Int.Cl. A61K 31/22 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITION CONTAINING MONOACETYLDIGLYCERIDE COMPOUND AS ACTIVE INGREDIENT FOR INHIBITING BLOOD CANCER OR METASTASIS**
[54] **COMPOSITION CONTENANT UN COMPOSE MONOACETYLDIGLYCERIDE EN TANT QUE PRINCIPE ACTIF POUR L'INHIBITION DU CANCER DU SANG OU DE METASTASE**
[72] KIM, JAE WHA, KR
[72] OH, SEI RYANG, KR
[72] AHN, KYUNG SEOP, KR
[72] KANG, HO BUM, KR
[72] SHIN, JAE MIN, KR
[72] KO, YOUNG EUN, KR
[72] KIM, MYUNG HWAN, KR
[72] KANG, JONG KOO, KR
[72] SOHN, KI-YOUNG, KR
[73] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR
[73] ENZYCHEM LIFESCIENCES CORPORATION, KR
[85] 2016-02-18
[86] 2014-08-18 (PCT/KR2014/007620)
[87] (WO2015/026112)
[30] KR (10-2013-0098185) 2013-08-19

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[11] **2,922,189**
[13] C
[51] **Int.Cl. H04B 7/26 (2006.01)**
[25] EN
[54] **SIMPLIFIED FDD-TDD CARRIER AGGREGATION**
[54] **AGREGATION DE PORTEUSES FDD-TDD SIMPLIFIEE**
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] DAMNJANOVIC, JELENA, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-02-22
[86] 2014-09-25 (PCT/US2014/057416)
[87] (WO2015/048262)
[30] US (61/883,174) 2013-09-26
[30] US (14/495,619) 2014-09-24

[11] **2,922,502**
[13] C
[51] **Int.Cl. B65D 5/468 (2006.01) B65D 5/18 (2006.01)**
[25] EN
[54] **CARTON WITH HANDLE**
[54] **CARTON AVEC POIGNEE**
[72] BATES, AARON L., US
[73] WESTROCK PACKAGING SYSTEMS, LLC, US
[86] (2922502)
[87] (2922502)
[22] 2009-07-16
[62] 2,730,339
[30] US (61/081,632) 2008-07-17

[11] **2,922,554**
[13] C
[51] **Int.Cl. C23C 10/02 (2006.01) C22F 3/00 (2006.01) C23C 10/30 (2006.01) C23C 10/60 (2006.01)**
[25] EN
[54] **METHODS FOR MANUFACTURING AN ADDITIVELY MANUFACTURED FUEL CONTACTING COMPONENT TO FACILITATE REDUCING COKE FORMATION**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE CONTACT AVEC DU COMBUSTIBLE FABRIQUE DE MANIERE ADDITIVE POUR FACILITER LA REDUCTION DE LA FORMATION DE COKE**
[72] CARTER, WILLIAM THOMAS, US
[72] RUUD, JAMES ANTHONY, US
[72] KOOL, LAWRENCE BERNARD, US
[72] GAMBONE, JUSTIN JOHN, JR., US
[72] FURSTOSS, CHRISTINE MARY, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2016-02-25
[86] 2014-08-29 (PCT/US2014/053373)
[87] (WO2015/034768)
[30] US (14/018,537) 2013-09-05

[11] **2,923,549**
[13] C
[51] **Int.Cl. G01F 1/46 (2006.01) G01F 1/37 (2006.01)**
[25] EN
[54] **DIFFERENTIAL PRESSURE BASED FLOW MEASUREMENT DEVICE HAVING IMPROVED PITOT TUBE CONFIGURATION**
[54] **DISPOSITIF A TUBE DE PITOT AMELIORE PERMETTANT DE MESURER UN DEBIT SUR LA BASE D'UNE PRESSION DIFFERENTIELLE**
[72] WIKLUND, DAVID EUGENE, US
[73] ROSEMOUNT INC., US
[85] 2016-03-07
[86] 2014-08-04 (PCT/US2014/049556)
[87] (WO2015/047543)
[30] US (14/039,006) 2013-09-27

[11] **2,923,900**
[13] C
[51] **Int.Cl. G01F 1/50 (2006.01) F24F 7/02 (2006.01) G01F 1/36 (2006.01)**
[25] EN
[54] **AIR FLOW MEASUREMENT**
[54] **MESURE DU DEBIT D'AIR**
[72] HERSCH, MARK C., US
[72] JOHNSON, KEVIN, US
[72] ST. JOHN, HOWARD, US
[73] SIEMENS INDUSTRY, INC., US
[86] (2923900)
[87] (2923900)
[22] 2008-09-17
[62] 2,639,652
[30] US (11/901,914) 2007-09-19

[11] **2,924,253**
[13] C
[51] **Int.Cl. C09K 8/035 (2006.01)**
[25] EN
[54] **ENVIRONMENTAL FRIENDLY WELL TREATMENT FLUIDS COMPRISING AN ESTER**
[54] **FLUIDES DE TRAITEMENT DE PUITS RESPECTUEUX DE L'ENVIRONNEMENT COMPRENANT UN ESTER**
[72] MAKER, DIANA, DE
[72] MULLER, HEINZ, DE
[73] AMRIL AG, DE
[85] 2016-03-14
[86] 2013-10-31 (PCT/EP2013/072803)
[87] (WO2015/062656)

[11] **2,924,952**
[13] C
[51] **Int.Cl. G10L 19/06 (2013.01) G10L 19/24 (2013.01) G10L 19/08 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREDICTING HIGH BAND EXCITATION SIGNAL**
[54] **PROCEDE ET APPAREIL DE PREDICTION DE SIGNAL D'EXCITATION A BANDE HAUTE**
[72] LIU, ZEXIN, CN
[72] MIAO, LEI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-03-21
[86] 2014-04-03 (PCT/CN2014/074711)
[87] (WO2015/043151)
[30] CN (201310444734.4) 2013-09-26

[11] **2,925,153**
[13] C
[51] **Int.Cl. E06B 7/23 (2006.01) E06B 7/16 (2006.01)**
[25] EN
[54] **DRAFT GUARD FOR WINDOW ASSEMBLY HAVING SEALS AND INTEGRAL FINS**
[54] **PROTEGE COURANT D'AIR DESTINE A UN DISPOSITIF DE FENETRE COMPORTANT DES JOINTS ET DES AILETTES INTEGREES**
[72] ABRAMSON, STEVEN ROBERT, US
[72] ABRAMSON, GAVIN PATRICK, US
[72] HENRY, JOSEPH, US
[73] GREENSTAR TECHNOLOGIES, LLC, US
[73] HENNIGES AUTOMOTIVE SCHLEGEL CANADA, INC., CA
[86] (2925153)
[87] (2925153)
[22] 2016-03-24
[30] US (14/667,811) 2015-03-25

[11] **2,925,928**
[13] C
[51] **Int.Cl. C08L 9/02 (2006.01) C08J 3/18 (2006.01) C08J 3/20 (2006.01) C08J 3/24 (2006.01) C08J 5/04 (2006.01) C08K 3/04 (2006.01) C08K 3/36 (2006.01) C08K 7/02 (2006.01)**
[25] EN
[54] **RUBBER COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS DE CAOUTCHOUC ET LEURS UTILISATIONS**
[72] BEDARD, FRANCOIS, CA
[72] COUE, JEAN-DAMIEN, CA
[72] DUBE, DENIS, CA
[72] MACDONALD, LYLE, CA
[73] SOUCY TECHNO INC., CA
[85] 2016-03-30
[86] 2014-10-20 (PCT/CA2014/000756)
[87] (WO2015/054779)
[30] US (61/892,559) 2013-10-18

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[11] **2,926,344**
[13] C
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **ELECTRICAL NERVE STIMULATION STIMULATOR**
[54] **NEUROSTIMULATEUR ELECTRIQUE**
[72] MOORE, GARY L., US
[72] CZECH, JOHN, US
[72] WOLDEGIORGES, BISRAT, US
[72] KARAS, MICHAEL, US
[73] COMPEX TECHNOLOGIES, INC., US
[86] (2926344)
[87] (2926344)
[22] 2002-10-17
[62] 2,408,656
[30] US (60/330116) 2001-10-17
[30] US (10/273392) 2002-10-17

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[11] **2,926,693**
[13] C
[51] **Int.Cl. C12Q 1/6827 (2018.01) C12Q 1/6816 (2018.01) C12Q 1/6876 (2018.01) C12N 15/10 (2006.01)**
[25] EN
[54] **METHODS FOR THE ENRICHMENT OF MUTATED NUCLEIC ACID FROM A MIXTURE**
[54] **PROCEDES D'ENRICHISSEMENT D'ACIDE NUCLEIQUE MUTE A PARTIR D'UN MELANGE**
[72] SCHOENBRUNNER, NANCY, US
[72] GUPTA, AMAR, US
[72] JANSSEN, KEVIN, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-04-06
[86] 2014-11-25 (PCT/EP2014/075460)
[87] (WO2015/078831)
[30] US (61/909,587) 2013-11-27

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[11] **2,927,279**
[13] C
[51] **Int.Cl. C10B 43/08 (2006.01) C10B 43/14 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING SURFACE FOULING IN FUEL PRODUCTION SYSTEMS**
[54] **PROCEDES POUR REDUIRE LA SALISSURE DE SURFACE DANS DES SYSTEMES DE PRODUCTION DE COMBUSTIBLE**
[72] SPAETH, VINCE, US
[73] CHEMTREAT, INC., US
[85] 2016-04-12
[86] 2014-11-03 (PCT/US2014/063693)
[87] (WO2015/066613)
[30] US (61/899,155) 2013-11-01

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[11] **2,927,642**
[13] C
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 7/04 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **SEED METER FOR A SINGLE-GRAIN SEEDER**
[54] **ELEMENT SEMEUR POUR SEMOIR MONOGRAINE**
[72] BERENDSEN, MARK, NL
[72] BERGERFURTH, DENNIS, DE
[72] GEBBEKEN, MARTIN, DE
[72] GERAATS, MARCEL, DE
[72] GOTZEN, CHRISTIAN, DE
[72] LUKAS, THOMAS, DE
[72] PAESSENS, CHRISTIAN, DE
[72] WERRIES, DIETER, DE
[73] LEMKEN GMBH & CO. KG, DE
[85] 2016-04-15
[86] 2014-10-15 (PCT/DE2014/100367)
[87] (WO2015/055180)
[30] DE (10 2013 111 356.7) 2013-10-15

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[11] **2,929,704**
[13] C
[51] **Int.Cl. A01M 1/00 (2006.01) A01M 1/02 (2006.01) A01M 1/20 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR A DURABLE INSECT BAIT STATION**
[54] **DISPOSITIFS ET PROCEDES POUR UN POINT D'APPAT D'INSECTE DURABLE**
[72] HALAHMI, IZHAR, IL
[73] WTO INVESTMENTS, LLC, US
[85] 2016-05-04
[86] 2013-11-07 (PCT/IL2013/050920)
[87] (WO2014/072980)
[30] US (61/724,323) 2012-11-09
[30] US (13/792,266) 2013-03-11

[11] **2,930,124**
[13] C
[51] **Int.Cl. C09D 5/00 (2006.01)**
[25] EN
[54] **CURABLE FILM-FORMING COMPOSITION COMPRISING ADDITIVE ASSOCIATED WITH A CARRIER**
[54] **COMPOSITION FILMOGENE DURCISSABLE COMPRENANT UN ADDITIF ASSOCIE A UN VECTEUR**
[72] MORAVEK, SCOTT J., US
[72] SCHWARTZMILLER, DAVINA J., US
[72] VALENTA, JANE N., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2016-05-09
[86] 2014-11-10 (PCT/US2014/064749)
[87] (WO2015/070123)
[30] US (14/075,240) 2013-11-08

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[11] **2,930,152**
[13] C
[51] **Int.Cl. D21C 5/02 (2006.01) C12N 9/00 (2006.01) D21C 5/00 (2006.01)**
[25] EN
[54] **ENZYMATIC TREATMENT OF VIRGIN FIBER AND RECYCLED PAPER TO REDUCE RESIDUAL MINERAL OIL LEVELS FOR PAPER PRODUCTION**
[54] **TRAITEMENT ENZYMATIQUE DE FIBRE VIERGE ET DE PAPIER RECYCLE POUR REDUIRE LES NIVEAUX D'HUILES MINERALES RESIDUELLES AFIN DE PRODUIRE DU PAPIER**
[72] TAUSCHE, JAMES G., US
[72] MA, JIANHUA, US
[72] JIANG, CHENGLIANG, US
[73] ENZYMATIC DEINKING TECHNOLOGIES, LLC, US
[85] 2016-05-09
[86] 2014-11-18 (PCT/US2014/066216)
[87] (WO2015/074072)
[30] US (61/905,843) 2013-11-18

---

[11] **2,930,454**
[13] C
[51] **Int.Cl. B23K 37/04 (2006.01) B23K 9/095 (2006.01) G09B 19/24 (2006.01)**
[25] EN
[54] **WELDING STAND FOR A WELDING SYSTEM**
[54] **POSTE DE SOUDURE POUR UN SYSTEME DE SOUDURE**
[72] BECKER, WILLIAM J., US
[72] MARCUSEN, DAVID P., US
[72] PETERSON, NICHOLAS JON, US
[72] PAYNE, MARK S., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2016-05-11
[86] 2014-11-13 (PCT/US2014/065512)
[87] (WO2015/105582)
[30] US (14/149,352) 2014-01-07

---

[11] **2,930,903**
[13] C
[51] **Int.Cl. F16D 65/092 (2006.01) F16D 65/00 (2006.01)**
[25] EN
[54] **FRICTION LINING ARRANGEMENT FOR A DISK BRAKE**
[54] **ENSEMBLE GARNITURE DE FRICTION POUR FREIN A DISQUE**
[72] KUMMEL, KURT, DE
[72] KEIL, CHRISTOPH, DE
[72] MARSCHNER, HOLGER, DE
[72] PIEHLER, CHRISTIAN, DE
[72] SOCOLOV, SILVIU, DE
[73] CONTINENTAL TEVES AG & CO. OHG, DE
[85] 2016-05-17
[86] 2014-11-19 (PCT/EP2014/075062)
[87] (WO2015/075095)
[30] DE (10 2013 223 862.2) 2013-11-21
[30] DE (10 2014 205 232.7) 2014-03-20

---

[11] **2,930,948**
[13] C
[51] **Int.Cl. H01H 73/06 (2006.01) H01R 13/713 (2006.01)**
[25] EN
[54] **OVERHEATING DESTRUCTIVE CONDUCTIVE PLATE SAFETY CLIP AS WELL AS A PLUG AND A SOCKET USING THAT CONDUCTIVE PLATE SAFETY CLIP**
[54] **PINCE DE SECURITE DE PLAQUE CONDUCTRICE DESTRUCTRICE EN SURCHAUFFAGE AINSI QUE BOUCHON ET DOUILLE COMPORTANT LADITE PINCE DE SECURITE DE PLAQUE CONDUCTRICE**
[72] I, HSIANG-YUN, TW
[73] ATOM TECHNOLOGY INC., TW
[86] (2930948)
[87] (2930948)
[22] 2016-05-25

---

[11] **2,931,057**
[13] C
[51] **Int.Cl. G03G 9/13 (2006.01) C08F 2/50 (2006.01) C08F 216/00 (2006.01)**
[25] EN
[54] **ULTRAVIOLET-CURABLE LIQUID DEVELOPER**
[54] **REVELATEUR LIQUIDE DURCISSABLE PAR RAYONS ULTRAVIOLETS**
[72] ITO, JUNJI, JP
[72] SATO, NAOTAKE, JP
[72] AICHI, YASUHIRO, JP
[73] CANON KABUSHIKI KAISHA, JP
[85] 2016-05-18
[86] 2014-11-18 (PCT/JP2014/080519)
[87] (WO2015/079979)
[30] JP (2013-246808) 2013-11-28

[11] **2,931,621**
[13] C
[51] **Int.Cl. A01K 5/02 (2006.01) A01K 15/04 (2006.01) E06B 7/32 (2006.01) G07C 9/00 (2006.01)**
[25] EN
[54] **ACCESS CONTROL FOR ANIMALS USING ELECTRONIC RECOGNITION**
[54] **CONTROLE DE L'ACCES POUR ANIMAUX AU MOYEN D'UNE RECONNAISSANCE ELECTRONIQUE**
[72] JALBERT, DAVID, US
[72] SAAR, DAVID, US
[72] EAKER, DIANE, US
[73] VET INNOVATIONS, LLC, US
[85] 2016-05-25
[86] 2014-11-26 (PCT/US2014/067701)
[87] (WO2015/081252)
[30] US (14/090,853) 2013-11-26

---

[11] **2,931,631**
[13] C
[51] **Int.Cl. B24D 3/28 (2006.01)**
[25] EN
[54] **COATED ABRASIVE ARTICLE INCLUDING A NON-WOVEN MATERIAL**
[54] **ARTICLE ABRASIF REVETU COMPRENANT UN MATERIAU NON TISSE**
[72] SHARMILA, MUTHUKRISHNAN, IN
[72] SATHYANARAYANAIAH, ADISESHAIAH K., IN
[72] SRIHARI, SRIRANGAPATTANA NARASIMHAIAH, IN
[72] DE MELO, SERGIO ANDRADE, BR
[72] VOLPIANI, ANDRE, BR
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
[85] 2016-05-25
[86] 2014-12-05 (PCT/US2014/068863)
[87] (WO2015/085211)
[30] IN (5628/CHE/2013) 2013-12-06

---

[11] **2,931,747**
[13] C
[51] **Int.Cl. C04B 28/02 (2006.01) C04B 24/26 (2006.01) C09K 8/493 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **FLUORINATED CARBON DIOXIDE SWELLABLE POLYMERS AND METHOD OF USE**
[54] **POLYMERES POUVANT GONFLER EN PRESENCE DE DIOXYDE DE CARBONE FLUORE ET LEUR PROCEDE D'UTILISATION**
[72] MUTHUSAMY, RAMESH, IN
[72] PATIL, SANDIP PRABHAKAR, IN
[72] PATIL, RAHUL CHANDRAKANT, IN
[72] MISHRA, VAISHALI, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-26
[86] 2014-02-20 (PCT/US2014/017417)
[87] (WO2015/126402)

---

[11] **2,932,089**
[13] C
[51] **Int.Cl. B60W 30/095 (2012.01)**
[25] EN
[54] **COLLISION AVOIDANCE ASSISTANCE DEVICE FOR A VEHICLE**
[54] **DISPOSITIF D'EVITEMENT DE COLLISION DESTINE A UN VEHICULE**
[72] MORALES TERAOKA, EDGAR YOSHIO, JP
[72] TANAKA, SHIN, JP
[72] OIKAWA, YOSHITAKA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2932089)
[87] (2932089)
[22] 2016-06-03
[30] JP (2015-114893) 2015-06-05

---

[11] **2,933,815**
[13] C
[51] **Int.Cl. B03B 5/62 (2006.01)**
[25] EN
[54] **IMPROVED MATERIAL PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE MATERIAU AMELIORE**
[72] MANKOSA, MICHAEL J., US
[72] KOHMUENCH, JAISEN N., US
[72] YAN, ERIC S., US
[72] LIBERATO, REGINALDO SERGIO, BR
[73] ERIEZ MANUFACTURING CO., US
[85] 2016-06-13
[86] 2014-01-03 (PCT/US2014/010170)
[87] (WO2015/102638)
[30] US (14/146,474) 2014-01-02

---

[11] **2,933,905**
[13] C
[51] **Int.Cl. F04B 1/04 (2006.01) F04B 53/16 (2006.01) F16B 39/28 (2006.01)**
[25] EN
[54] **TIE BOLT RETAINER FOR PUMP FLUID END**
[54] **BOULON D'ANCRAGE POUR EXTREMITE FLUIDE DE POMPE**
[72] MORREALE, JOHN D., US
[72] HOLLANSHEAD, ALEX D., US
[72] SMITH, JASON D., US
[73] FMC TECHNOLOGIES, INC., US
[85] 2016-06-14
[86] 2013-12-30 (PCT/US2013/078250)
[87] (WO2015/102562)

---

[11] **2,935,996**
[13] C
[51] **Int.Cl. A22C 11/02 (2006.01) A23P 20/25 (2016.01)**
[25] EN
[54] **FILLING MACHINE AND METHOD FOR FILLING A PASTY MASS, IN PARTICULAR FOR THE PRODUCTION OF SAUSAGES**
[54] **MACHINE DE REMPLISSAGE ET METHODE DE REMPLISSAGE D'UNE MASSE PATEUSE, EN PARTICULIER POUR LA PRODUCTION DE SAUCISSES**
[72] STAUDENRAUSCH, MARTIN, DE
[72] MAILE, BERND, DE
[73] ALBERT HANDTMANN MASCHINENFABRIK GMBH & CO. KG, DE
[86] (2935996)
[87] (2935996)
[22] 2016-07-13
[30] EP (15 179 775.0) 2015-08-05

[11] **2,936,426**
[13] C
[51] **Int.Cl. A21D 13/38 (2017.01) A23L 5/00 (2016.01) A21D 13/30 (2017.01) A23G 3/34 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PRODUCTION OF LOW WATER ACTIVITY FILLINGS**
[54] **PROCEDES ET SYSTEMES POUR LA PRODUCTION DE GARNITURES A FAIBLE ACTIVITE DE L'EAU**
[72] DEGADY, MARC, US
[72] CLUET, DENIS, US
[72] MANNS, JAMES M., US
[72] RICHAR, THOMAS M., US
[72] STREUBER, ROBERT, US
[72] KIM, DENNIS A., US
[72] CONWAY, WILLIAM, US
[72] MEIGHEN, GREG A., US
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
[85] 2016-07-08
[86] 2015-02-06 (PCT/US2015/014736)
[87] (WO2015/120219)
[30] US (61/937,416) 2014-02-07

---

[11] **2,936,492**
[13] C
[51] **Int.Cl. G01C 9/32 (2006.01) G01C 9/26 (2006.01) G01C 9/28 (2006.01)**
[25] EN
[54] **BOX LEVEL**
[54] **NIVEAU A BULLE**
[72] CHRISTIANSON, JOHN, US
[72] KIM, CHARLES D., US
[73] MILWAUKEE ELECTRIC TOOL CORPORATION, US
[86] (2936492)
[87] (2936492)
[22] 2010-10-26
[62] 2,778,900
[30] US (61/256,264) 2009-10-29
[30] US (61/259,038) 2009-11-06

---

[11] **2,936,724**
[13] C
[51] **Int.Cl. C07F 9/58 (2006.01) C07F 15/00 (2006.01)**
[25] EN
[54] **BENZENE-BASED DIPHOSPHINE LIGANDS FOR ALKOXYCARBONYLATION**
[54] **LIANTS DE DIPHOSPHINE A BASE DE BENZENE DESTINES A L'ALCOXYCARBONYLATION**
[72] DONG, KAIWU, CN
[72] NEUMANN, HELFRIED, DE
[72] JACKSTELL, RALF, DE
[72] BELLER, MATTHIAS, DE
[72] FRANKE, ROBERT, DE
[72] HESS, DIETER, DE
[72] DYBALLA, KATRIN MARIE, DE
[72] FRIDAG, DIRK, DE
[72] GEILEN, FRANK, DE
[73] EVONIK DEGUSSA GMBH, DE
[86] (2936724)
[87] (2936724)
[22] 2016-07-19
[30] DE (102015213918.2) 2015-07-23

---

[11] **2,937,000**
[13] C
[51] **Int.Cl. B04B 13/00 (2006.01) B04B 7/00 (2006.01)**
[25] EN
[54] **CENTRIFUGAL SEPARATION APPARATUS AND CENTRIFUGAL SEPARATION METHOD**
[54] **APPAREIL DE SEPARATION CENTRIFUGE ET PROCEDE DE SEPARATION CENTRIFUGE**
[72] ITOH, TERUAKI, JP
[73] AOI SEIKI CO., LTD., JP
[86] (2937000)
[87] (2937000)
[22] 2016-07-22
[30] JP (2015-146753) 2015-07-24

---

[11] **2,937,078**
[13] C
[51] **Int.Cl. E21B 19/02 (2006.01) E21B 15/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PIPE MANAGEMENT ON A DRILLING RIG**
[54] **PROCEDES ET SYSTEMES DE GESTION DE TUYAUX SUR UN APPAREIL DE FORAGE**
[72] MAGNUSON, CHRISTOPHER, US
[73] NABORS INDUSTRIES, INC., US
[85] 2016-07-15
[86] 2015-01-22 (PCT/US2015/012510)
[87] (WO2015/126570)
[30] US (14/184,771) 2014-02-20

---

[11] **2,937,235**
[13] C
[51] **Int.Cl. C10C 3/08 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **BITUMINOUS FEED PROCESSING**
[54] **TRAITEMENT DE MATIERE PREMIERE BITUMINEUSE**
[72] PIERRE, FRITZ, JR., US
[72] SPEIRS, BRIAN C., CA
[72] ABEL, KEITH A., CA
[72] BAZIUK, OKSANA, CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2937235)
[87] (2937235)
[22] 2016-07-27

---

[11] **2,938,628**
[13] C
[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/60 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR HYDROPHOBICALLY MODIFYING FRACTURE FACES**
[54] **COMPOSITIONS ET PROCEDES DE MODIFICATION HYDROPHOBE DE FACES DE FRACTURE**
[72] LIANG, FENG, US
[72] NGUYEN, PHILIP D., US
[72] STANCIU, CORNELIU, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-08-03
[86] 2014-04-03 (PCT/US2014/032744)
[87] (WO2015/152919)

[11] **2,940,070**
[13] C
[51] **Int.Cl. G02C 7/10 (2006.01) G02B 1/10 (2015.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING BLUE LIGHT PROOF OPTICAL LENS**
[54] **PROCEDE DE FABRICATION D'UNE LENTILLE OPTIQUE RESISTANT A LA LUMIERE BLEUE**
[72] WU, XIAOTONG, CN
[73] OURLOOK (ZHANGZHOU) OPTICAL TECHNOLOGY CO., LTD, CN
[85] 2016-08-18
[86] 2014-12-19 (PCT/CN2014/094308)
[87] (WO2015/180456)
[30] CN (201410238603.5) 2014-05-30

---

[11] **2,940,331**
[13] C
[51] **Int.Cl. F25J 3/00 (2006.01) B01D 53/22 (2006.01)**
[25] EN
[54] **PROCESS AND PLANT FOR SEPARATING A GAS MIXTURE**
[54] **PROCEDE ET USINE DESTINES A LA SEPARATION D'UN MELANGE DE GAZ**
[72] KLEIN, BERND, DE
[73] LINDE AKTIENGESELLSCHAFT, DE
[86] (2940331)
[87] (2940331)
[22] 2016-08-26
[30] DE (102015012317.3) 2015-09-23

---

[11] **2,940,335**
[13] C
[51] **Int.Cl. A61F 2/82 (2013.01) A61F 2/95 (2013.01) A61F 2/24 (2006.01)**
[25] EN
[54] **MITRAL VALVE REPLACEMENT TOGGLE CELL SECUREMENT**
[54] **FIXATION DE CELLULES DE BASCULEMENT LORS DU REMPLACEMENT D'UNE VALVULE MITRALE**
[72] BENSON, THOMAS M., US
[72] EIDENSCHINK, TRACEE, US
[73] ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC., US
[85] 2016-08-19
[86] 2015-03-13 (PCT/US2015/020446)
[87] (WO2015/142648)
[30] US (61/954,810) 2014-03-18

---

[11] **2,940,411**
[13] C
[51] **Int.Cl. G10L 19/24 (2013.01) G10L 19/08 (2013.01)**
[25] EN
[54] **HIGH-BAND SIGNAL CODING USING MULTIPLE SUB-BANDS**
[54] **ENCODAGE DE SIGNAL EN BANDE HAUTE UTILISANT MULTIPLES SOUS-BANDES**
[72] ATTI, VENKATRAMAN S., US
[72] KRISHNAN, VENKATESH, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-08-23
[86] 2015-03-31 (PCT/US2015/023490)
[87] (WO2015/153548)
[30] US (61/973,135) 2014-03-31
[30] US (14/672,868) 2015-03-30

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[11] **2,940,853**
[13] C
[51] **Int.Cl. E21B 7/00 (2006.01) B23B 41/00 (2006.01) B23B 45/16 (2006.01) E21B 1/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT IN ROCK DRILLING MACHINE AND METHOD OF MOUNTING ROCK DRILLING MACHINE**
[54] **ARRANGEMENT DANS UNE MACHINE DE FORAGE DE ROCHE ET METHODE D'INSTALLATION DE MACHINE DE FORAGE DE ROCHE**
[72] MUUTTONEN, TIMO, FI
[72] KELA, TIMO, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[86] (2940853)
[87] (2940853)
[22] 2016-09-02
[30] EP (15185209.2) 2015-09-15

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[11] **2,941,169**
[13] C
[51] **Int.Cl. B65D 43/08 (2006.01) B29C 43/50 (2006.01) B29C 45/73 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD FOR OUTER COVERING EDGE OF MOLDED CUP LID AND PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN BORD DE RECOUVREMENT EXTERIEUR DE COUVERCLE DE GOBELET MOULE ET PRODUIT**
[72] LAI, ZONGSHEN, CN
[72] CHEN, JIANFENG, CN
[73] DANDONG MINGCHENG ENVIRONMENTAL PROTECTION PRODUCTS CO., LTD, CN
[85] 2016-08-30
[86] 2014-04-15 (PCT/CN2014/000413)
[87] (WO2015/157877)

---

[11] **2,941,249**
[13] C
[51] **Int.Cl. G01R 27/22 (2006.01)**
[25] EN
[54] **DRIVING CIRCUIT FOR A CONDUCTIVITY SENSOR**
[54] **CIRCUIT D'ATTAQUE POUR UN CAPTEUR DE CONDUCTIVITE**
[72] PRESS, EFREM, US
[72] LINDGREN, JON, US
[72] PRESS, JORDAN, US
[73] ATLAS SCIENTIFIC LLC, US
[85] 2016-08-30
[86] 2015-03-16 (PCT/US2015/020742)
[87] (WO2015/142728)
[30] US (61/954,134) 2014-03-17

[11] **2,941,543**
[13] C
[51] **Int.Cl. A61F 2/966 (2013.01)**
[25] EN
[54] **DEPLOYMENT HANDLE FOR A MEDICAL DEVICE DEPLOYMENT SYSTEM**
[54] **POIGNEE DE DEPLOIEMENT POUR SYSTEME DE DEPLOIEMENT DE DISPOSITIF MEDICAL**
[72] BEARD, MATTHEW S., US
[72] HERRIN, DAVID A., US
[72] KENNELLY ULLMAN, JOSEPH N., US
[72] SECTOR, MARTIN J., US
[72] SOKEL, JUSTIN W., US
[72] VAN CLEAVE, JARED L., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2016-09-01
[86] 2015-03-27 (PCT/US2015/023140)
[87] (WO2015/153375)
[30] US (61/975,165) 2014-04-04
[30] US (14/670,234) 2015-03-26

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[11] **2,943,986**
[13] C
[51] **Int.Cl. C09K 3/18 (2006.01) B64D 15/00 (2006.01)**
[25] EN
[54] **METHOD OF MITIGATING ICE BUILD-UP ON A SUBSTRATE**
[54] **PROCEDE DE LIMITATION DE LA FORMATION DE GLACE SUR UN SUBSTRAT**
[72] TANG, GUANGLIANG, US
[72] MORAVEK, SCOTT J., US
[72] RAKIEWICZ, EDWARD F., US
[72] SCHWARTZMILLER, DAVINA J., US
[72] ZALICH, MICHAEL A., US
[72] CONNELLY, BRUCE A., US
[72] ROPER, TODD M., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2016-09-26
[86] 2015-03-27 (PCT/US2015/022902)
[87] (WO2015/148876)
[30] US (14/227,351) 2014-03-27

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[11] **2,944,037**
[13] C
[51] **Int.Cl. B05B 12/10 (2006.01) A01M 7/00 (2006.01) B05B 12/12 (2006.01)**
[25] EN
[54] **SPRAYING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PULVERISATION**
[72] SCHERTZ, SCOTT, US
[73] SCHERTZ AERIAL SERVICE, INC., US
[85] 2016-09-26
[86] 2015-03-27 (PCT/US2015/022915)
[87] (WO2015/148883)
[30] US (61/972,019) 2014-03-28

---

[11] **2,944,187**
[13] C
[51] **Int.Cl. C07F 9/6558 (2006.01) A61K 31/675 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **PRODRUGS OF HIV REVERSE TRANSCRIPTASE INHIBITORS**
[54] **PROMEDICAMENTS D'INHIBITEURS DE TRANSCRIPTASE INVERSE DE VIH**
[72] BURGEY, CHRISTOPHER S., US
[72] FRITZEN, JEFFREY F., US
[72] BALSELLS, JAUME, US
[72] PATEL, MEHUL, US
[73] MERCK SHARP & DOHME CORP., US
[85] 2016-09-27
[86] 2015-03-27 (PCT/US2015/022868)
[87] (WO2015/153304)
[30] US (61/973,689) 2014-04-01

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[11] **2,944,603**
[13] C
[51] **Int.Cl. H01F 41/06 (2016.01) H01F 17/04 (2006.01) H01F 27/02 (2006.01) H01F 27/29 (2006.01)**
[25] EN
[54] **INDUCTOR AND METHOD FOR MANUFACTURING THE SAME**
[54] **BOBINE D'INDUCTION ET SON PROCEDE DE FABRICATION**
[72] WEICHANG, HUANG, CN
[73] WURTH ELEKTRONIK EISOS GMBH & CO. KG, DE
[85] 2016-09-30
[86] 2015-03-27 (PCT/EP2015/056758)
[87] (WO2015/150274)
[30] CN (2014 1012 9094.2) 2014-04-01

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[11] **2,946,248**
[13] C
[51] **Int.Cl. B65D 63/12 (2006.01) A47F 13/00 (2006.01) B65D 73/00 (2006.01)**
[25] EN
[54] **TWIST TIE DISPENSING APPARATUS AND METHOD**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DE LIENS TORSADES**
[72] MILBRANDT, KIM A., US
[72] HOUSEMAN, DEBRA KAY, US
[72] MALTAS, JEFFERY SCOTT, US
[72] O'DONNELL, COLIN, US
[72] PLATT, JOSHUA, US
[72] SCHILLER, DAVID, US
[72] TSCHETTER, JEFFREY, US
[73] BEDFORD INDUSTRIES, INC., US
[85] 2016-10-17
[86] 2015-07-02 (PCT/US2015/039049)
[87] (WO2016/004343)
[30] US (62/020,535) 2014-07-03

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[11] **2,946,256**
[13] C
[51] **Int.Cl. B65B 5/02 (2006.01) B65B 9/06 (2012.01) B65B 9/10 (2006.01) B65B 11/00 (2006.01) B65B 51/02 (2006.01) B65B 61/02 (2006.01) B65B 25/00 (2006.01)**
[25] EN
[54] **PACKAGING AND A METHOD OF MANUFACTURE THEREOF**
[54] **EMBALLAGE ET SON PROCEDE DE FABRICATION**
[72] KOWALEWSKI, ALAIN, US
[72] GALAVIS, DAVID EMIRO, US
[73] KRAFT FOODS R & D, INC., US
[85] 2016-10-18
[86] 2015-07-17 (PCT/IB2015/001313)
[87] (WO2016/027141)
[30] GB (1414735.9) 2014-08-19

[11] **2,946,359**
[13] C
[51] **Int.Cl. B32B 3/08 (2006.01) B32B 17/10 (2006.01) B32B 38/00 (2006.01) E06B 3/673 (2006.01)**
[25] EN
[54] **COMPOSITE GLASS PANE WITH A BORDER SEAL AND METHOD FOR PRODUCING SAME**
[54] **PLAQUE DE VERRE FEUILLETEE COMPORTANT UN JOINT DE BORD ET PROCEDE DE FABRICATION**
[72] BUMANN, STEFAN, DE
[72] KLEYER, DIETER, DE
[72] GERADS, MANFRED, DE
[72] FALKENBERG, HANS, SE
[73] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-10-19
[86] 2015-04-17 (PCT/EP2015/058369)
[87] (WO2015/169563)
[30] EP (14167126.3) 2014-05-06

---

[11] **2,946,979**
[13] C
[51] **Int.Cl. B60D 1/06 (2006.01) B21D 22/02 (2006.01) B21D 53/88 (2006.01)**
[25] EN
[54] **HITCH BALL MOUNT AND METHOD OF FORMING THE HITCH BALL MOUNT**
[54] **MONTURE DE BOULE D'ATTELAGE ET PROCEDE DE FORMATION DE LA MONTURE DE BOULE D'ATTELAGE**
[72] BERNART, FRANCIS, US
[72] DEPIETRO, THOMAS, US
[73] HORIZON GLOBAL AMERICAS INC., US
[86] (2946979)
[87] (2946979)
[22] 2012-10-11
[62] 2,852,040
[30] US (61/545,878) 2011-10-11

---

[11] **2,947,361**
[13] C
[51] **Int.Cl. G09B 9/00 (2006.01) H04N 21/40 (2011.01) A63G 31/00 (2006.01)**
[25] EN
[54] **ROTARY DYNAMIC SIMULATION DEVICE AND AUDIOVISUAL APPARATUS USING THE SAME**
[54] **DISPOSITIF DE SIMULATION DYNAMIQUE ROTATIF ET APPAREIL AUDIOVISUEL UTILISANT CELUI-CI**
[72] LAI, DEN-HORNG, TW
[72] CHIEN, KE-CHENG, TW
[72] HUANG, CHENG-LIN, TW
[73] BROGENT TECHNOLOGIES INC., TW
[86] (2947361)
[87] (2947361)
[22] 2016-11-03
[30] TW (105200137) 2016-01-06

---

[11] **2,948,173**
[13] C
[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/551 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **QUINOLINE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES DE QUINOLEINE ET UTILISATIONS ASSOCIEES**
[72] HADDACH, MUSTAPHA, US
[73] PIMERA, INC., US
[85] 2016-11-04
[86] 2015-05-09 (PCT/US2015/030046)
[87] (WO2015/172123)
[30] US (61/991,282) 2014-05-09
[30] US (62/050,202) 2014-09-15
[30] US (62/054,054) 2014-09-23
[30] US (62/128,208) 2015-03-04

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[11] **2,948,861**
[13] C
[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **USE OF WIRELESS CONNECTION LOSS TO FACILITATE IDENTIFYING AND RECORDING VIDEO CAPTURE LOCATION**
[54] **UTILISATION D'UNE PERTE DE CONNEXION SANS FIL POUR FACILITER L'IDENTIFICATION ET L'ENREGISTREMENT D'UN EMPLACEMENT DE CAPTURE DE VIDEO**
[72] HUNDEMER, HANK, US
[72] LASHER, DANA, US
[73] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2016-11-10
[86] 2015-05-20 (PCT/US2015/031794)
[87] (WO2015/183664)
[30] US (14/288,027) 2014-05-27

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[11] **2,950,025**
[13] C
[51] **Int.Cl. D21F 7/08 (2006.01) D06M 17/00 (2006.01) D21F 1/10 (2006.01)**
[25] EN
[54] **MULTIAXIAL FABRIC HAVING REDUCED INTERFERENCE PATTERN**
[54] **TISSU MULTIAXIAL PRESENTANT UN MODELE D'INTERFERENCE REDUIT**
[72] HAWES, JOHN M., US
[72] KORNETT, GLENN, US
[72] RYDIN, BJORN, US
[72] QUIGLEY, SCOTT, US
[72] ROYO, MICHAEL A., US
[72] DONOVAN, JAMES G., US
[72] YOOK, STEVEN, US
[73] ALBANY INTERNATIONAL CORP., US
[86] (2950025)
[87] (2950025)
[22] 2006-04-20
[62] 2,871,861
[30] US (11/116,516) 2005-04-28

[11] **2,952,408**
[13] C
[51] **Int.Cl. H04W 48/20 (2009.01) H04W 48/08 (2009.01)**
[25] EN
[54] **DEVICE MANAGED ACCESS POINT LISTS IN WIRELESS COMMUNICATIONS**
[54] **LISTE DE POINTS D'ACCES GEREE PAR DISPOSITIF DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] BALASUBRAMANIAN, SRINIVASAN, US
[72] DESHPANDE, MANOJ M., US
[72] YOON, YOUNG C., US
[72] HORN, GAVIN B., US
[73] QUALCOMM INCORPORATED, US
[86] (2952408)
[87] (2952408)
[22] 2009-03-26
[62] 2,719,604
[30] US (61/039,728) 2008-03-26
[30] US (61/102,325) 2008-10-02
[30] US (12/407,714) 2009-03-19

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[11] **2,953,081**
[13] C
[51] **Int.Cl. B42D 15/04 (2006.01) B42D 15/02 (2006.01)**
[25] EN
[54] **MOTORIZED GIFT CARD HOLDERS**
[54] **ETUIS POUR CARTES-CADEAUX MOTORISES**
[72] BEGIN, ANTHONY, US
[72] MAYER, DAVID, US
[72] HUGHES, TERRY, US
[72] GUO, JERRY, CN
[72] QIAO, TIGER, CN
[72] TALBOT, JOHN, US
[72] SHLONSKY, LYNNE, US
[72] SPECK, KATALINA, US
[72] MASON, SARAH, US
[72] MARSH, ALLISON, US
[72] ZHANG, DONALD, CN
[73] AMERICAN GREETINGS CORPORATION, US
[86] (2953081)
[87] (2953081)
[22] 2015-12-03
[62] 2,914,034
[30] US (14/664,996) 2015-03-23

---

[11] **2,953,850**
[13] C
[51] **Int.Cl. B65D 51/00 (2006.01) B65D 17/50 (2006.01)**
[25] EN
[54] **CONTAINER LID WITH CLOSURE**
[54] **COUVERCLE DE RECIPIENT A FERMETURE**
[72] BRATSCH, CHRISTIAN, AT
[73] XOLUTION GMBH, DE
[85] 2016-12-29
[86] 2015-06-05 (PCT/EP2015/062557)
[87] (WO2015/185718)
[30] EP (14171269.5) 2014-06-05

---

[11] **2,954,110**
[13] C
[51] **Int.Cl. E21B 34/08 (2006.01) F16K 15/02 (2006.01)**
[25] EN
[54] **CHECK VALVE ASSEMBLY FOR WELL STIMULATION OPERATIONS**
[54] **ENSEMBLE SOUPAPE ANTI-RETOUR POUR OPERATIONS DE STIMULATION DE PUITS**
[72] VEIT, JAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2954110)
[87] (2954110)
[22] 2012-02-17
[62] 2,827,888
[30] US (13/041,611) 2011-03-07

---

[11] **2,954,958**
[13] C
[51] **Int.Cl. A47G 1/20 (2006.01)**
[25] EN
[54] **PICTURE FRAME HANGER**
[54] **CROCHET DE CADRE PHOTO**
[72] DAVIES, LAURENCE, CA
[73] DAVIES, LAURENCE, CA
[86] (2954958)
[87] (2954958)
[22] 2017-01-13
[30] US (15048648) 2016-02-19

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[11] **2,955,107**
[13] C
[51] **Int.Cl. E21B 19/00 (2006.01) E21B 19/06 (2006.01) E21B 29/00 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **OIL WELL PLUG AND ABANDONMENT METHOD**
[54] **BOUCHON DE PUITS DE PETROLE ET PROCEDE D'ABANDON**
[72] MIRE, MICHAEL, US
[73] GULFSTREAM SERVICES, INC., US
[86] (2955107)
[87] (2955107)
[22] 2009-05-11
[62] 2,723,815
[30] US (61/059,127) 2008-06-05
[30] US (61/051,962) 2008-05-09

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[11] **2,960,620**
[13] C
[51] **Int.Cl. A61K 9/52 (2006.01) A61K 47/10 (2017.01) A61K 47/36 (2006.01) A61K 47/42 (2017.01)**
[25] EN
[54] **METHOD OF MANUFACTURING ENTERIC SEAMLESS SOFT CAPSULE**
[54] **METHODE DE FABRICATION DE CAPSULE SOUPLE SANS COUTURE ENTERIQUE**
[72] MASUDA, KOJI, JP
[72] NISHIMURA, NAOKI, JP
[72] HAYANO, AKIHIKO, JP
[72] SHIMOKAWA, YOSHIYUKI, JP
[72] KATO, KENJI, JP
[73] FUJI CAPSULE CO., LTD., JP
[85] 2017-03-08
[86] 2015-10-06 (PCT/JP2015/005081)
[87] (WO2016/056229)
[30] JP (2014-205994) 2014-10-06

[11] **2,962,879**
[13] C
[51] **Int.Cl. C10G 1/04 (2006.01) B01D 21/01 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **OIL SAND TAILINGS SEPARATION**
[54] **SEPARATION DE RESIDUS DE SABLES BITUMINEUX**
[72] ESMAEILI, PAYMAN, CA
[72] SAKUHUNI, GIVEMORE, CA
[72] FORGERON, GREG S., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2962879)
[87] (2962879)
[22] 2017-03-30

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[11] **2,963,258**
[13] C
[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/26 (2006.01)**
[25] EN
[54] **ROTOR FOR TURBOMACHINES WITH SHROUDED BLADES**
[54] **ROTOR POUR TURBOMACHINES A AUBES CARENEES**
[72] CALZA, PAOLO, IT
[72] GRILLO, ROSARIO, IT
[72] SALVANO, SERGIO, IT
[73] GE AVIO S.R.L., IT
[86] (2963258)
[87] (2963258)
[22] 2009-03-09
[62] 2,754,799

---

[11] **2,967,796**
[13] C
[51] **Int.Cl. C04B 26/26 (2006.01) C04B 18/06 (2006.01) C08L 91/00 (2006.01) C08L 95/00 (2006.01)**
[25] EN
[54] **PETROCOKE AND EXTRACT-DOPED MODIFIED BITUMEN COMPOSITION FOR USE IN PRODUCTION OF ASPHALT AND METHOD OF PRODUCING THE SAME**
[54] **COMPOSITION DE BITUME MODIFIE, DOPEE PAR DU PETROCOKE ET DE L'EXTRAIT, DESTINEE A ETRE UTILISEE DANS LA PRODUCTION D'ASPHALTE ET SON PROCEDE DE PRODUCTION**
[72] CANIAZ, RAMAZAN OGUZ, TR
[72] CETINTAS, REFIKA, TR
[72] BASKENT, EMEL, TR
[72] ARCA, SERHAT, TR
[72] YASAR, MUZAFFER, TR
[73] TURKIYE PETROL RAFINERILERI A.S. TUPRAS, TR
[85] 2017-05-12
[86] 2015-09-09 (PCT/TR2015/000312)
[87] (WO2016/076804)
[30] TR (2014/13421) 2014-11-13

---

[11] **2,967,950**
[13] C
[51] **Int.Cl. G08B 21/00 (2006.01) B60W 50/14 (2012.01) B60K 13/04 (2006.01) G01S 17/88 (2006.01)**
[25] EN
[54] **ALARM ACTIVATED SYSTEM WITH SNOW LEVEL SENSOR**
[54] **SYSTEME ACTIVE PAR UNE ALARME DOTE D'UN DETECTEUR DE HAUTEUR DE NEIGE**
[72] MORISSET, ANTONIO, US
[73] MORISSET, ANTONIO, US
[86] (2967950)
[87] (2967950)
[22] 2017-05-18
[30] US (15/255622) 2016-09-02

---

[11] **2,969,118**
[13] C
[51] **Int.Cl. B60R 9/06 (2006.01)**
[25] EN
[54] **TRUCK STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE DE CAMION**
[72] SMITH, TIMOTHY RAYMOND, US
[72] PETERS, JAKE, US
[72] MELLER, LANCE, US
[72] HATTRUP, MIKE, US
[72] ROTHWELL, DYLAN, US
[72] MUSTON, SHAUN CHRISTOPHER, US
[72] HOPKINS, JEFFREY SAMUEL, US
[73] DECKED LLC, US
[85] 2017-05-26
[86] 2015-11-25 (PCT/US2015/062573)
[87] (WO2016/086081)
[30] US (14/554,198) 2014-11-26

---

[11] **2,969,934**
[13] C
[51] **Int.Cl. G21B 1/11 (2006.01) F15D 1/00 (2006.01) H05H 1/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING A VORTEX CAVITY IN A ROTATING FLUID**
[54] **APPAREIL ET PROCEDE DE GENERATION D'UNE CAVITE DE VORTEX DANS UN FLUIDE EN ROTATION**
[72] LABERGE, MICHEL GEORGES, CA
[72] PLANT, DAVID FRANKLIN, CA
[72] SUPONITSKY, VICTORIA, CA
[72] KUATSJAH, EUNICE, CA
[73] GENERAL FUSION INC., CA
[85] 2017-06-05
[86] 2016-01-14 (PCT/CA2016/050032)
[87] (WO2016/112464)
[30] US (62/103,992) 2015-01-15

---

[11] **2,970,187**
[13] C
[51] **Int.Cl. A63B 21/00 (2006.01)**
[25] EN
[54] **ERGONOMIC STRAP FOR WEIGHT LIFTING AND FITNESS EXERCISES**
[54] **SANGLE ERGONOMIQUE DESTINEE A DES EXERCICES DE LEVEE DE POIDS ET DE MISE EN FORME**
[72] MCBRIDE, JAMES, CA
[73] MCBRIDE, JAMES, CA
[86] (2970187)
[87] (2970187)
[22] 2017-06-07

[11] **2,970,745**
[13] C
[51] **Int.Cl. B01D 33/067 (2006.01)**
[25] EN
[54] **ROTARY INTERSTAGE SCREEN APPARATUS**
[54] **APPAREIL DE TAMIS INTER ETAGE ROTATIF**
[72] TSUTSUMI, MASATAKA, US
[73] SIZETEC, INC., US
[86] (2970745)
[87] (2970745)
[22] 2017-06-15
[30] US (15/262,387) 2016-09-12

---

[11] **2,971,657**
[13] C
[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **AMMONIA-BASED DESULFURIZATION PROCESS AND APPARATUS THROUGH AMMONIA-ADDING IN DIFFERENT CHAMBERS**
[54] **APPAREILLAGE ET PROCEDE DE DESULFURATION A L'AMMONIAC PAR AJOUT D'AMMONIAC DANS DES CHAMBRES DIFFERENTES**
[72] LUO, JING, CN
[72] XU, CHANGXIANG, CN
[72] XU, XIANGJUN, CN
[72] LUO, YONGYING, CN
[73] JIANGNAN ENVIRONMENTAL PROTECTION GROUP INC., KY
[86] (2971657)
[87] (2971657)
[22] 2017-06-22
[30] CN (201710379460.3) 2017-05-25

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[11] **2,971,883**
[13] C
[51] **Int.Cl. H02M 1/08 (2006.01) H02M 3/06 (2006.01) H02M 3/155 (2006.01) H02M 5/08 (2006.01) H02M 7/217 (2006.01)**
[25] EN
[54] **FLYBACK CONVERTER**
[54] **CONVERTISSEUR A TRANSFERT INDIRECT**
[72] AHSANUZZAMAN, SHEIKH MOHAMMAD, CA
[72] MAHDAVIKHAH-MEHRABAD, SEYED-BEHZAD, CA
[72] RADIC, ALEKSANDAR, CA
[72] PRODIC, ALEKSANDAR, CA
[73] APPULSE POWER INC., CA
[85] 2017-06-22
[86] 2015-11-30 (PCT/CA2015/000587)
[87] (WO2016/101058)
[30] US (62/096,322) 2014-12-23

---

[11] **2,972,801**
[13] C
[51] **Int.Cl. E21B 7/10 (2006.01) E21B 7/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO CONTROL DIRECTIONAL DRILLING FOR HYDROCARBON WELLS**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE FORAGE DIRECTIONNEL POUR PUITS D'HYDROCARBURES**
[72] BANIRAZI-MOTLAGH, REZA, US
[72] PENN, MARK CHARLES, US
[72] PINK, ANTHONY, US
[72] SMITH, JOSEPH KYLE, US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2017-06-29
[86] 2015-12-29 (PCT/US2015/067865)
[87] (WO2016/109538)
[30] US (62/097,644) 2014-12-30
[30] US (14/627,581) 2015-02-20

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[11] **2,977,329**
[13] C
[51] **Int.Cl. A61B 3/14 (2006.01) A61B 3/113 (2006.01) A61B 3/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FIXATION MEASUREMENT AND REFRACTION ERROR MEASUREMENT USING WAVE-FRONT ERROR**
[54] **PROCEDE ET APPAREIL DE MESURE DE FIXATION ET DE MESURE D'ERREUR DE REFRACTION UTILISANT L'ERREUR DE FRONT D'ONDE**
[72] WINSOR, ROBERT SCOTT, US
[73] REBISCAN, INC., US
[85] 2017-08-18
[86] 2015-12-22 (PCT/US2015/067455)
[87] (WO2016/133588)
[30] US (62/118,894) 2015-02-20

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[11] **2,978,528**
[13] C
[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **FUEL CELL INTERNAL STATE DETECTION SYSTEM AND STATE DETECTION METHOD**
[54] **SYSTEME DE DETECTION D'ETAT INTERNE DE PILE A COMBUSTIBLE ET PROCEDE DE DETECTION D'ETAT**
[72] KOTAKA, TOSHIKAZU, JP
[72] AOKI, TETSUYA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-09-01
[86] 2015-03-03 (PCT/JP2015/056266)
[87] (WO2016/139761)

[11] **2,979,135**
[13] C
[51] **Int.Cl. A61B 5/0444 (2006.01) A61B 5/024 (2006.01) A61B 5/0245 (2006.01) A61B 5/04 (2006.01) A61B 5/0452 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUS AND METHODS FOR SENSING FETAL ACTIVITY**
[54] **SYSTEMES, APPAREIL ET METHODES DE DETECTION D'ACTIVITE F□TALE**
[72] OZ, OREN, IL
[72] INTRATOR, NATHAN, IL
[72] MHAJNA, MUHAMMAD, IL
[73] NUVO GROUP LTD., IL
[85] 2017-09-08
[86] 2016-03-10 (PCT/IB2016/000389)
[87] (WO2016/142780)
[30] US (62/131,122) 2015-03-10
[30] US (14/921,489) 2015-10-23

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[11] **2,979,920**
[13] C
[51] **Int.Cl. H04W 80/12 (2009.01) H04W 12/06 (2009.01) A61B 8/13 (2006.01) G01S 15/89 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONNECTING AND CONTROLLING WIRELESS ULTRASOUND IMAGING SYSTEM FROM ELECTRONIC DEVICE**
[54] **SYSTEME ET PROCEDE POUR CONNECTER ET COMMANDER UN SYSTEME SANS FIL D'IMAGERIE A ULTRASONS A PARTIR D'UN DISPOSITIF ELECTRONIQUE**
[72] PELISSIER, LAURENT, CA
[72] DICKIE, KRIS, CA
[72] HANSEN, TREVOR, CA
[73] CLARIUS MOBILE HEALTH CORP., CA
[85] 2017-09-15
[86] 2016-03-23 (PCT/CA2016/050343)
[87] (WO2016/154739)
[30] US (14/671,773) 2015-03-27

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[11] **2,980,364**
[13] C
[51] **Int.Cl. G05B 15/02 (2006.01) E06B 9/38 (2006.01) F24D 19/10 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **ENERGY-EFFICIENT INTEGRATED LIGHTING, DAYLIGHTING, AND HVAC WITH CONTROLLED WINDOW BLINDS**
[54] **ECLAIRAGE, ECLAIRAGE NATUREL ET HVAC INTEGRES ECONOMES EN ENERGIE A L'AIDE DE STORES COMMANDES**
[72] CASCIA, MARK A., US
[73] SIEMENS INDUSTRY, INC., US
[85] 2017-09-19
[86] 2016-05-06 (PCT/US2016/031114)
[87] (WO2016/182879)
[30] US (14/709,271) 2015-05-11

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[11] **2,983,533**
[13] C
[51] **Int.Cl. F01K 13/00 (2006.01) F01K 7/16 (2006.01)**
[25] EN
[54] **COMBINED CYCLE POWER GENERATION**
[54] **GENERATION D'ENERGIE A CYCLES COMBINES**
[72] DENG, SHIMIN, CA
[73] HATCH LTD., CA
[85] 2017-10-20
[86] 2016-04-18 (PCT/CA2016/050447)
[87] (WO2016/168923)
[30] US (62/150,046) 2015-04-20

---

[11] **2,983,795**
[13] C
[51] **Int.Cl. A01D 75/28 (2006.01) A01D 41/127 (2006.01) A01D 47/00 (2006.01)**
[25] EN
[54] **CROP HARVESTING MACHINE WITH VARIABLE HEADER FLOAT**
[54] **MACHINE DE RECOLTE DOTEE D'UN BEC CUEILLEUR FLOTTANT POUR ANDAINEUSE**
[72] GARBALD, JANN PETER, CA
[72] DUNN, JAMES THOMAS, CA
[72] LEVERICK, GRAHAM MICHAEL, US
[72] LYONS, RUSSELL GEORGE, CA
[72] SHEARER, BRUCE ROBERT, CA
[72] BARNETT, NEIL GORDON, CA
[73] MACDON INDUSTRIES LTD., CA
[85] 2017-10-25
[86] 2017-06-19 (PCT/CA2017/050748)
[87] (WO2017/219130)
[30] US (15/188,468) 2016-06-21

---

[11] **2,984,002**
[13] C
[51] **Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **HYDROCARBON RESOURCE HEATING SYSTEM INCLUDING CHOKE FLUID DISPENSER AND RELATED METHODS**
[54] **SYSTEME DE CHAUFFAGE DE RESSOURCE D'HYDROCARBURE COMPORTANT UN DISTRIBUTEUR DE FLUIDE ETRANGLEUR ET METHODES ASSOCIEES**
[72] TRAUTMAN, MARK, US
[72] HIBNER, VERLIN, US
[72] HANN, MURRAY, US
[72] WRIGHT, BRIAN, US
[73] HARRIS CORPORATION, US
[86] (2984002)
[87] (2984002)
[22] 2017-10-26
[30] US (15/383,057) 2016-12-19

[11] **2,988,074**
[13] C
[51] **Int.Cl. B60W 50/029 (2012.01) B60T 17/18 (2006.01) B60W 30/10 (2006.01) B62D 6/00 (2006.01)**
[25] EN
[54] **VEHICLE CONTROL DEVICE AND VEHICLE CONTROL METHOD**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE DE VEHICULE**
[72] MIURA, MASAHIRO, JP
[72] DEGUCHI, YOSHITAKA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-12-01
[86] 2015-06-03 (PCT/JP2015/065982)
[87] (WO2016/194157)

---

[11] **2,989,747**
[13] C
[51] **Int.Cl. A61K 8/19 (2006.01) A61K 8/22 (2006.01) A61K 8/46 (2006.01) A61Q 5/04 (2006.01)**
[25] EN
[54] **METHOD FOR HAIR SHAPING TREATMENT THAT IS HAIR STRAIGHTENING TREATMENT OR PERMANENT WAVING TREATMENT, AND HAIR TREATING LIQUID FOR HAIR SHAPING TREATMENT**
[54] **PROCEDE DE COIFFAGE PAR TRAITEMENT DE CORRECTION DE CHEVEUX BOUCLES OU TRAITEMENT D'ONDULATION PERMANENTE, ET SOLUTION DE TRAITEMENT CAPILLAIRE POUR LE COIFFAGE**
[72] SHIODA, MASATAKA, JP
[72] SHIODA, KEITA, JP
[73] ICTB GLOBAL CO., LTD., JP
[85] 2017-12-15
[86] 2016-08-12 (PCT/JP2016/003721)
[87] (WO2017/033432)
[30] JP (2015-164287) 2015-08-21
[30] JP (2015-165004) 2015-08-24
[30] JP (2016-084919) 2016-04-21

---

[11] **2,993,685**
[13] C
[51] **Int.Cl. G05D 13/62 (2006.01) A62C 37/00 (2006.01) F04D 15/00 (2006.01)**
[25] EN
[54] **SELF-REGULATING OPEN CIRCUIT PUMP UNIT**
[54] **UNITE DE POMPE A CIRCUIT OUVERT AUTOREGULATEUR**
[72] THOMSEN, PETER, CA
[73] S.A. ARMSTRONG LIMITED, CA
[85] 2018-01-25
[86] 2016-11-25 (PCT/CA2016/051392)
[87] (WO2017/214701)
[30] US (62/350,038) 2016-06-14

---

[11] **2,996,105**
[13] C
[51] **Int.Cl. F02D 15/02 (2006.01) F02D 15/00 (2006.01)**
[25] EN
[54] **CONTROL DEVICE OF ENGINE AND CONTROL METHOD OF ENGINE**
[54] **DISPOSITIF DE COMMANDE DE MOTEUR ET PROCEDE DE COMMANDE DE MOTEUR**
[72] MATSUDA, TSUYOSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-20
[86] 2015-08-20 (PCT/JP2015/073399)
[87] (WO2017/029763)

Canadian Applications Open to Public Inspection

June 3, 2018 to June 9, 2018

Demandes canadiennes mises à la disponibilité du public

3 juin 2018 au 9 juin 2018

[21] **2,949,101**
[13] A1
[51] **Int.Cl. G01B 3/10 (2006.01) B25H 7/04 (2006.01)**
[25] EN
[54] **DRYWALL MEASURING TAPE**
[54] **RUBAN A MESURER LE PLACOPLATRE**
[72] LECLERC, J. MICHEAL, CA
[71] LECLERC, J. MICHEAL, CA
[22] 2016-12-05
[41] 2018-06-05

---

[21] **2,950,523**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **HYDROCARBON EXTRACTION TOOL AND PUMP ASSEMBLIES**
[54] **ENSEMBLES DE POMPE ET D'OUTIL D'EXTRACTION D'HYDROCARBURES**
[72] CLARK, SHAWN D., CA
[71] CLARK, SHAWN D., CA
[22] 2016-12-05
[41] 2018-06-05

---

[21] **2,950,536**
[13] A1
[51] **Int.Cl. B08B 9/093 (2006.01) B08B 9/20 (2006.01) B08B 13/00 (2006.01)**
[25] EN
[54] **DRAINING AND RINSING CONTAINERS**
[54] **CONTENANT D'EGOUTTEMENT ET DE RINCAGE**
[72] LUCHIA, KURT, CA
[72] MILLER, GERRY, CA
[72] BEDARD, GEOFF, CA
[71] BOURGAULT INDUSTRIES LTD., CA
[22] 2016-12-06
[41] 2018-06-06

---

[21] **2,950,553**
[13] A1
[51] **Int.Cl. E03B 3/30 (2006.01) B67C 3/02 (2006.01) C02F 1/02 (2006.01) C02F 1/04 (2006.01) C12C 11/00 (2006.01) C12G 3/00 (2006.01) C12G 3/06 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCTION OF BEVERAGE: 'ROASTED WATER CORN BREWED LIQUOR'**
[54] **INSTALLATION DE PUISSANCE D'ENTRAINEMENT A MOUVEMENT PERPETUEL**
[72] JOEL, KEVIN, CA
[71] JOEL, KEVIN, CA
[22] 2016-12-05
[41] 2018-06-05

---

[21] **2,950,606**
[13] A1
[51] **Int.Cl. H05B 37/00 (2006.01) F21K 9/00 (2016.01) F21S 4/10 (2016.01) F21S 4/00 (2016.01) F21V 23/00 (2015.01)**
[25] EN
[54] **LIGHT EMITTING DIODE LIGHTING SYSTEM FOR COMMERCIAL AND RESIDENTIAL APPLICATIONS**
[54] **SYSTEME D'ECLAIRAGE A DIODE ELECTROLUMINESCENTE DESTINE A DES APPLICATIONS COMMERCIALES ET RESIDENTIELLES**
[72] SHERBURNE, CRAIG K., CA
[71] SHERBURNE, CRAIG K., CA
[22] 2016-12-05
[41] 2018-06-05

---

[21] **2,950,616**
[13] A1
[51] **Int.Cl. A61B 5/0476 (2006.01) A61B 5/16 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **BRAIN TEMPORAL COMPLEXITY IN EXPLAINING THE THERAPEUTIC AND COGNITIVE EFFECTS OF SEIZURE THERAPY**
[54] **COMPLEXITE TEMPORELLE DU CERVEAU DANS L'EXPLICATION DES EFFETS THERAPEUTIQUES ET COGNITIFS DE LA THERAPIE DES CRISES D'EPILEPSIE**
[72] FARZAN, FARANAK, CA
[71] CENTRE FOR ADDICTION AND MENTAL HEALTH, CA
[22] 2016-12-05
[41] 2018-06-05

---

[21] **2,950,659**
[13] A1
[51] **Int.Cl. A61K 35/19 (2015.01) A61K 38/18 (2006.01) A61K 38/19 (2006.01) A61K 38/20 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION AND PROLONGED STORAGE OF GROWTH FACTORS AND CYTOKINES OBTAINED FROM PLATELET RICH PLASMA**
[54] **METHODE DE PREPARATION ET DE RANGEMENT PROLONGE DE FACTEURS DE CROISSANCE ET DE CYTOKINES OBTENUS DE PLASMA RICHE EN PLAQUETTES**
[72] GALEA, ANTHONY, CA
[72] BROKHMAN, IRINA, CA
[71] ANTNOR LIMITED, CA
[22] 2016-12-06
[41] 2018-06-06

[21] **2,950,664**
[13] A1
[51] **Int.Cl. A41D 27/08 (2006.01) A41D 27/12 (2006.01) A41D 27/14 (2006.01) A41D 27/20 (2006.01)**
[25] EN
[54] **THE SNAP PANEL**
[54] **LE PANNEAU A PRESSION**
[72] ABEDINZADEH KIVI, SEYED F., CA
[71] ABEDINZADEH KIVI, SEYED F., CA
[22] 2016-12-06
[41] 2018-06-06

---

[21] **2,950,680**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/06 (2012.01) G06Q 50/30 (2012.01) B60L 11/18 (2006.01) B60R 16/02 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **A METHOD, SYSTEM, AND DEVICE FOR ESTIMATING A COST OF ELECTRICITY PROVIDED TO AN ELECTRIC VEHICLE AT AN ELECTRIC VEHICLE CHARGER**
[54] **UNE METHODE, UN SYSTEME ET UN DISPOSITIF SERVANT A ESTIMER UN COUT D'ELECTRICITE FOURNIE A UN VEHICULE ELECTRIQUE A UN POSTE DE CHARGEUR DE VEHICULE ELECTRIQUE**
[72] LI, CARTER, CA
[72] GILLESPIE, MICHAEL JAMES, CA
[71] SWTCH E-CAR INC., CA
[22] 2016-12-05
[41] 2018-06-05

---

[21] **2,950,696**
[13] A1
[51] **Int.Cl. H02K 53/00 (2006.01) B61C 3/00 (2006.01)**
[25] EN
[54] **PERPETUAL MOTION TRAIN POWER PLANT**
[54] **INSTALLATION DE PUISSANCE D'ENTRAINEMENT A MOUVEMENT PERPETUEL**
[72] SHE, XIAO-DONG, CA
[71] SHE, XIAO-DONG, CA
[22] 2016-12-05
[41] 2018-06-05

---

[21] **2,950,814**
[13] A1
[51] **Int.Cl. A23L 2/70 (2006.01) A23L 2/02 (2006.01) A61K 36/45 (2006.01) A61P 13/02 (2006.01) A61P 31/04 (2006.01) C07C 51/42 (2006.01)**
[25] EN
[54] **DEACIDIFIED JUICE AND METHOD OF PRODUCTION THEREOF**
[54] **JUS DESACIDIFIE ET METHODE DE PRODUCTION ASSOCIEE**
[72] BAZINET, LAURENT, CA
[72] SERRE, ELODIE, CA
[72] BOUTIN, YVAN, CA
[71] UNIVERSITE LAVAL, CA
[22] 2016-12-06
[41] 2018-06-06

---

[21] **2,950,868**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 8/13 (2006.01)**
[25] EN
[54] **GUIDED NAVIGATION OF AN ULTRASOUND PROBE**
[54] **NAVIGATION GUIDEE D'UNE SONDE ULTRASON**
[72] CADIEU, CHARLES, US
[72] HONG, HA, US
[72] KOEPSELL, KILIAN, US
[72] MATHE, JOHAN, US
[72] WOJTCZYK, MARTIN, US
[71] BAY LABS, INC., US
[22] 2016-12-07
[41] 2018-06-07

---

[21] **2,950,871**
[13] A1
[51] **Int.Cl. H04N 21/242 (2011.01) H04H 20/18 (2009.01) H04N 21/233 (2011.01)**
[25] EN
[54] **CONTINUOUS AUTOMATED SYNCHRONIZATION OF AN AUDIO TRACK IN A MOVIE THEATER**
[54] **SYNCHRONISATION AUTOMATISEE CONTINUE D'UNE PISTE AUDIO DANS UN CINEMA**
[72] MANGRU, DANNY, US
[71] THEATER EARS, LLC, US
[22] 2016-12-07
[41] 2018-06-07

---

[21] **2,950,918**
[13] A1
[51] **Int.Cl. F16M 13/02 (2006.01) B25H 3/02 (2006.01) E06B 7/28 (2006.01)**
[25] EN
[54] **GARAGE DOOR STORAGE SYSTEM**
[54] **SYSTEME DE RANGEMENT POUR PORTE DE GARAGE**
[72] HAINES, JOSEPH, CA
[71] HAINES, JOSEPH, CA
[22] 2016-12-07
[41] 2018-06-07

---

[21] **2,950,925**
[13] A1
[51] **Int.Cl. A63B 6/00 (2006.01)**
[25] EN
[54] **MAGNETIC EXERCISE MAT**
[54] **TAPIS D'EXERCICE MAGNETIQUE**
[72] MOHSIN, JAMIL, CA
[71] MOHSIN, JAMIL, CA
[22] 2016-12-08
[41] 2018-06-08

---

[21] **2,951,057**
[13] A1
[51] **Int.Cl. A63F 9/06 (2006.01)**
[25] EN
[54] **POPPER PAL**
[54] **AMI-DOME AMUSANT**
[72] UNKNOWN, ZZ
[71] CHIN, RONALD P., CA
[22] 2016-12-09
[41] 2018-06-09

---

[21] **2,951,084**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **NETWORKING PLATFORM SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE PLATEFORME DE RESEAUTAGE**
[72] YOANNOU, SAMANTHA P., CA
[72] ANDERSON, MARY, CA
[71] YOANNOU, SAMANTHA P., CA
[71] ANDERSON, MARY, CA
[22] 2016-12-09
[41] 2018-06-09

[21] **2,951,142**
[13] A1
[51] **Int.Cl. A44C 3/00 (2006.01)**
[25] EN
[54] **BRACELET**
[54] **BRACELET**
[72] STERLING, KARLA, CA
[71] STERLING, KARLA, CA
[22] 2016-12-09
[41] 2018-06-05
[30] US (15/369,628) 2016-12-05

---

[21] **2,952,190**
[13] A1
[51] **Int.Cl. H01J 61/56 (2006.01) H01J 61/92 (2006.01)**
[25] EN
[54] **DOUBLE-ENDED CERAMIC METAL HALIDE LAMP**
[54] **LAMPE AUX HALOGENURES METALLISES EN CERAMIQUE A DOUBLE EXTREMITE**
[72] SU, ROBERT, US
[71] SU, ROBERT, US
[22] 2016-12-20
[41] 2018-06-04
[30] US (15/368,654) 2016-12-04

---

[21] **2,954,775**
[13] A1
[51] **Int.Cl. B42D 15/04 (2006.01) G09F 1/06 (2006.01)**
[25] EN
[54] **CARD THAT STANDS PERPENDICULAR TO A HORIZONTAL SURFACE**
[54] **CARTE QUI REPOSE PERPENDICULAIREMENT SUR UNE SURFACE HORIZONTALE**
[72] STUSSER, DANIEL L, US
[71] STUSSER, DANIEL L, US
[22] 2017-01-17
[41] 2018-06-07
[30] US (15-372,131) 2016-12-07

---

[21] **2,954,932**
[13] A1
[51] **Int.Cl. F21K 9/237 (2016.01) F21K 9/238 (2016.01) F21V 31/00 (2006.01)**
[25] EN
[54] **WATERPROOF LED DECORATIVE BULB**
[54] **AMPOULE DECORATIVE ETANCHE A DEL**
[72] CHEN, DONGCHANG, CN
[71] DONGGUAN CITY MINLEON ELECTRONICS CO., LTD., CN
[22] 2017-01-16
[41] 2018-06-07
[30] CN (201621337946.8) 2016-12-07

---

[21] **2,959,784**
[13] A1
[51] **Int.Cl. A47H 11/00 (2006.01) A47G 5/02 (2006.01) A47H 3/00 (2006.01) E06B 9/32 (2006.01) E06B 9/42 (2006.01)**
[25] EN
[54] **ENCLOSED BLIND CONTROL**
[54] **COMMANDE DE STORE ENCASTRE**
[72] MAROCCO, NORBERT, CA
[71] MAXXMAR INC., CA
[22] 2017-03-02
[41] 2018-06-06
[30] US (62/430,668) 2016-12-06

---

[21] **2,960,136**
[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **ENCLOSED BLIND CONTROL WITH OPENING AND SLIDING EMBER**
[54] **COMMANDE DE STORE ENCASTRE DOTEE D'UNE OUVERTURE ET D'UN ELEMENT COULISSANT**
[72] MAROCCO, NORBERT, CA
[71] MAXXMAR INC., CA
[22] 2017-03-07
[41] 2018-06-06
[30] US (62/430,668) 2016-12-06
[30] US (15/447,955) 2017-03-02

---

[21] **2,965,326**
[13] A1
[51] **Int.Cl. H04M 3/28 (2006.01)**
[25] EN
[54] **BI-DIRECTIONAL AUDIO GENERATION DEVICE FOR SPEECH QUALITY ASSESSMENT OF TELEPHONY NETWORKS AND SPEECH CODECS**
[54] **DISPOSITIF DE PRODUCTION AUDIO BIDIRECTIONNELLE DESTINE A L'EVALUATION DE LA QUALITE DE LA PAROLE DE RESEAUX DE TELEPHONIE ET DE CODEC DE LA PAROLE**
[72] DUX, TONY, AU
[72] WILLSHIRE, GEOFF, AU
[71] CYARA SOLUTIONS PTY LTD., AU
[22] 2017-04-28
[41] 2018-06-06
[30] US (15/371,191) 2016-12-06

---

[21] **2,967,641**
[13] A1
[51] **Int.Cl. G06F 15/18 (2006.01) G06N 3/02 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **TRAINING INDUCTIVE LOGIC PROGRAMMING ENHANCED DEEP BELIEF NETWORK MODELS FOR DISCRETE OPTIMIZATION**
[54] **MODELE DE RESEAU DE CROYANCE PROFONDE AMELIOREE PROGRAMMANT UNE LOGIQUE INTUITIVE D'APPRENTISSAGE DESTINE A UNE OPTIMISATION DISCRETE**
[72] SAIKIA, SARMIMALA, IN
[72] VIG, LOVEKESH, IN
[72] SHROFF, GAUTAM, IN
[72] AGARWAL, PUNEET, IN
[72] RAWAT, RICHA, IN
[72] SRINIVASAN, ASHWIN, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[22] 2017-05-16
[41] 2018-06-05
[30] IN (201621041570) 2016-12-05

[21] **2,968,263**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **STATOR FOR GAS TURBINE ENGINE FAN**
[54] **STATOR DESTINE A UN VENTILATEUR DE TURBINE A GAZ**
[72] LI, YAU-WAI, CA
[72] TOWNSEND, PETER, CA
[72] DUTTON, RONALD, CA
[72] MASON, BERNADETTE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-05-24
[41] 2018-06-06
[30] US (15/370,497) 2016-12-06

---

[21] **2,968,565**
[13] A1
[51] **Int.Cl. H01J 61/02 (2006.01) H01J 9/24 (2006.01)**
[25] EN
[54] **CERAMIC METAL HALIDE LAMP**
[54] **LAMPE AUX HALOGENURES METALLISES EN CERAMIQUE**
[72] SU, ROBERT, US
[71] SU, ROBERT, US
[22] 2017-05-29
[41] 2018-06-04
[30] US (15/448,564) 2017-03-02
[30] US (15/368,654) 2016-12-04

---

[21] **2,972,534**
[13] A1
[51] **Int.Cl. F16H 35/00 (2006.01) F16H 29/00 (2006.01) F16H 55/17 (2006.01)**
[25] EN
[54] **UNI-DIRECTIONAL DRIVE GEAR AND A GEAR TRANSMISSION DEVICE WITH THE SAME**
[54] **ENGRENAGE A ENTRAINEMENT UNIDIRECTIONNEL ET DISPOSITIF DE TRANSMISSION D'ENGRENAGE DOTE DUDIT ENGRENAGE**
[72] WANG, SHUO-YU, TW
[71] WANG, SHUO-YU, TW
[22] 2017-07-06
[41] 2018-06-07
[30] TW (105218657) 2016-12-07

---

[21] **2,974,029**
[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **CASE-BASED AUTOMATED EMAIL TESTING**
[54] **TEST DE COURRIEL AUTOMATISE FONDE SUR UN CAS**
[72] WILLSHIRE, GEOFF, AU
[72] SANSOM, GAVIN, AU
[71] CYARA SOLUTIONS PTY LTD., AU
[22] 2017-07-21
[41] 2018-06-09
[30] US (15/374,076) 2016-12-09

---

[21] **2,975,613**
[13] A1
[51] **Int.Cl. F04B 47/02 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **NON-BEAM PUMPING UNIT WITH A MOTOR OUTPUT SHAFT RIGHTING DEVICE**
[54] **MODULE DE POMPAGE SANS POUTRE DOTE D'UN DISPOSITIF DE REDRESSEMENT D'ARBRE DE SORTIE MOTEUR**
[72] SU, ZHISHEN, CN
[71] DAQING DANNUO PETROLEUM TECHNOLOGY DEVELOPMENT CO., LTD., CN
[22] 2017-08-08
[41] 2018-06-06
[30] CN (201621326265.1) 2016-12-06

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[21] **2,976,984**
[13] A1
[51] **Int.Cl. F01D 21/00 (2006.01) F01D 21/02 (2006.01) F01D 21/14 (2006.01)**
[25] EN
[54] **SHAFT EVENT DETECTION IN GAS TURBINE ENGINES**
[54] **DETECTION D'EVENEMENT TOUCHANT L'ARBRE DANS LES TURBINES A GAZ**
[72] DUBREUIL, JEAN, CA
[72] VINSKI, JOHNNY, CA
[72] DESJARDINS, MICHEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-18
[41] 2018-06-09
[30] US (15/374,115) 2016-12-09

---

[21] **2,977,699**
[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01)**
[25] EN
[54] **HOUSING FOR BEARING CAVITY IN A GAS TURBINE ENGINE**
[54] **LOGEMENT D'UNE CAVITE DE PALIER DANS UNE TURBINE A GAZ**
[72] VINSKI, JOHNNY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-29
[41] 2018-06-07
[30] US (15/371,311) 2016-12-07

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[21] **2,978,904**
[13] A1
[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **ROTARY CUTTING TOOL**
[54] **OUTIL DE COUPE ROTATIF**
[72] STOJANOVSKI, STOJAN, US
[71] STOJANOVSKI, STOJAN, US
[22] 2017-09-12
[41] 2018-06-08
[30] US (15/373,061) 2016-12-08
[30] US (15/684,354) 2017-08-23

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[21] **2,979,010**
[13] A1
[51] **Int.Cl. F02C 7/22 (2006.01) F02C 7/228 (2006.01) F02C 7/232 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **SEGMENTED FUEL DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE CARBURANT SEGMENTE**
[72] SNYDER, ANTHONY, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-09-12
[41] 2018-06-07
[30] US (15/371996) 2016-12-07

[21] **2,980,609**
[13] A1
[51] **Int.Cl. G06F 19/00 (2018.01) G06T 7/00 (2017.01)**
[25] EN
[54] **CROWD ANALYTICS VIA ONE SHOT LEARNING**
[54] **ANALYSE DE FOULE A PARTIR DE L'ENSEIGNEMENT D'UNE IMAGE**
[72] TU, PETER HENRY, US
[72] GAO, TAO, US
[72] TU, JILIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-09-28
[41] 2018-06-06
[30] US (15/370,746) 2016-12-06

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[21] **2,981,875**
[13] A1
[51] **Int.Cl. G06K 19/00 (2006.01) F21V 33/00 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **TRANSACTION CARD HAVING INTERNAL LIGHTING**
[54] **CARTE DE TRANSACTION COMPORTANT UN ECLAIRAGE INTERNE**
[72] SUTHAR, OM J., US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-10-10
[41] 2018-06-09
[30] US (62/432154) 2016-12-09
[30] US (15/691079) 2017-08-30

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[21] **2,981,879**
[13] A1
[51] **Int.Cl. G06K 19/00 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **TRANSACTION CARD HAVING STRUCTURAL REINFORCEMENT**
[54] **CARTE DE TRANSACTION COMPORTANT UN RENFORT STRUCTUREL**
[72] SUTHAR, OM J., US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-10-10
[41] 2018-06-09
[30] US (62/432,117) 2016-12-09
[30] US (15/698,109) 2017-09-07

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[21] **2,981,889**
[13] A1
[51] **Int.Cl. H01Q 21/20 (2006.01) B64C 1/36 (2006.01) H01Q 9/04 (2006.01) B64D 43/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **PHASED ARRAY ANTENNAS FOR HIGH ALTITUDE PLATFORMS**
[54] **ANTENNES A RESEAU A ELEMENTS EN PHASE DESTINEES A DES PLATEFORMES EN HAUTE ALTITUDE**
[72] FERIA, YING J., US
[72] WHELAN, DAVID A., US
[72] GRAJEK, PHILLIP R., US
[71] THE BOEING COMPANY, US
[22] 2017-10-06
[41] 2018-06-09
[30] US (15/374,808) 2016-12-09

---

[21] **2,982,026**
[13] A1
[51] **Int.Cl. B01F 15/00 (2006.01) B01F 7/00 (2006.01) A01F 25/14 (2006.01)**
[25] EN
[54] **FODDER MIXING WAGON**
[54] **WAGON MELANGEUR DE FOURRAGE**
[72] LIET, CORNELIS HENDRICUS, NL
[71] TRIOLIET B.V., NL
[22] 2017-10-11
[41] 2018-06-08
[30] DE (202016106837.1) 2016-12-08

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[21] **2,982,575**
[13] A1
[51] **Int.Cl. G06Q 50/10 (2012.01) G06F 19/00 (2018.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTERACTIVE COGNITIVE TASK ASSISTANCE**
[54] **SYSTEME ET METHODE D'AIDE A LA TACHE COGNITIVE ET INTERACTIVE**
[72] WOOD, WILLIAM J., US
[72] BOYD, MARK H., US
[72] LORANG, MELANIE K., US
[72] KUSUDA, DAVID H., US
[71] THE BOEING COMPANY, US
[22] 2017-10-13
[41] 2018-06-09
[30] US (62/432,495) 2016-12-09
[30] US (15/649,382) 2017-07-13

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[21] **2,982,670**
[13] A1
[51] **Int.Cl. G01N 27/62 (2006.01)**
[25] EN
[54] **PREPARATION AND FEED APPARATUS OF STANDARD SAMPLE FOR CALIBRATION OF TRACE-ANALYSIS INSTRUMENT**
[54] **PREPARATION ET APPAREIL D'ALIMENTATION D'ECHANTILLON STANDARD D'ETALONNAGE D'UN INSTRUMENT D'ANALYSE DE TRACE**
[72] ZHANG, QINGJUN, CN
[72] LI, YUANJING, CN
[72] ZHAO, ZIRAN, CN
[72] ZHU, WEIPING, CN
[72] BAI, NAN, CN
[72] MA, QIUFENG, CN
[71] NUCTECH COMPANY LIMITED, CN
[22] 2017-10-17
[41] 2018-06-07
[30] CN (201611116486.0) 2016-12-07

---

[21] **2,983,325**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01)**
[25] EN
[54] **A CONTROL SYSTEM AND METHOD FOR AUTOMATICALLY DETERMINING CHARACTERISTIC FOR OPTIMUM MACHINE PERFORMANCE**
[54] **UN SYSTEME DE CONTROLE ET UNE METHODE DE DETERMINATION AUTOMATIQUE DE CARACTERISTIQUE DE RENDEMENT MACHINE OPTIMAL**
[72] MOOREHEAD, STEWART J., US
[72] CONWAY, CHARLES, US
[71] DEERE & COMPANY, US
[22] 2017-10-23
[41] 2018-06-07
[30] US (15/371,347) 2016-12-07

[21] **2,983,521**
[13] A1
[51] **Int.Cl. G07C 3/00 (2006.01) H04W 4/38 (2018.01) G08C 17/00 (2006.01)**
[25] EN
[54] **MONITORING SYSTEM FOR THE REAL-TIME MONITORING OF A MACHINE TOOL AND MACHINE TOOL AND TRANSCEIVER MODULE THEREFOR**
[54] **SYSTEME DE SURVEILLANCE DESTINE A LA SURVEILLANCE EN TEMPS REEL D'UN OUTIL MACHINE, ET OUTIL MACHINE ET MODULE D'EMETTEUR ASSOCIES**
[72] STOLZER, ARMIN, DE
[72] KREBBER, SONKE FLORIAN, DE
[72] SCHORPP, ANDREAS, DE
[71] KEURO BESITZ GMBH & CO. EDV-DIENSTLEISTUNGS KG, DE
[22] 2017-10-20
[41] 2018-06-06
[30] DE (20 2016 106 787.1) 2016-12-06

---

[21] **2,984,072**
[13] A1
[51] **Int.Cl. H02M 5/458 (2006.01) H02P 27/04 (2016.01)**
[25] EN
[54] **REGENERATIVE VARIABLE FREQUENCY DRIVE WITH AUXILIARY POWER SUPPLY**
[54] **ENTRAINEMENT A FREQUENCE VARIABLE REGENERATIF DOTE D'UNE ALIMENTATION AUXILIAIRE**
[72] MEDAGAM, PEDA V., US
[72] PETTYJOHN, THEODORE CLIFTON, US
[72] YANG, JACK, US
[71] PHASE TECHNOLOGIES, LLC, US
[22] 2017-10-27
[41] 2018-06-09
[30] US (15/373,913) 2016-12-09

---

[21] **2,985,451**
[13] A1
[51] **Int.Cl. H01M 10/63 (2014.01) H01M 10/613 (2014.01) H01M 10/625 (2014.01) H01M 10/48 (2006.01)**
[25] EN
[54] **THERMAL EVENT MANAGEMENT SYSTEM FOR AN ELECTRIC VEHICLE**
[54] **SYSTEME DE GESTION D'EVENEMENT THERMIQUE DESTINE A UN VEHICULE ELECTRIQUE**
[72] GRACE, DUSTIN, US
[72] PEVEAR, BRIAN, US
[71] PROTERRA INC., US
[22] 2017-11-14
[41] 2018-06-07
[30] US (15/372,000) 2016-12-07

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[21] **2,985,597**
[13] A1
[51] **Int.Cl. A61L 33/02 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **LOCK SOLUTION FOR VENOUS CATHETERS USING SODIUM BICARBONATE**
[54] **SOLUTION DE BLOCAGE DESTINEE A UN CATHETER VEINEUX EMPLOYANT DU BICARBONATE DE SOUDE**
[72] EL-HENNAWY, ADEL SAYED, US
[72] FROLOVA, ELENA, US
[71] EL-HENNAWY, ADEL SAYED, US
[71] FROLOVA, ELENA, US
[22] 2017-11-15
[41] 2018-06-06

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[21] **2,986,333**
[13] A1
[51] **Int.Cl. H01L 31/028 (2006.01) H01L 31/047 (2014.01)**
[25] EN
[54] **MULTIJUNCTION SOLAR CELL HAVING PATTERNED EMITTER AND METHOD OF MAKING THE SOLAR CELL**
[54] **PILE SOLAIRE MULTIFONCTION COMPORTANT UN EMETTEUR A MOTIF ET METHODE DE FABRICATION DE LA PILE SOLAIRE**
[72] FETZER, CHRISTOPHER M., US
[72] HEBERT, PETER, US
[71] THE BOEING COMPANY, US
[22] 2017-11-17
[41] 2018-06-09
[30] US (15/374,377) 2016-12-09

---

[21] **2,986,402**
[13] A1
[51] **Int.Cl. G02B 27/00 (2006.01) G02B 5/30 (2006.01)**
[25] EN
[54] **POLARIZATION INDEPENDENT OPTICAL ISOLATOR**
[54] **ISOLATEUR OPTIQUE INDEPENDANT DE LA POLARISATION**
[72] WATANABE, TOSHIAKI, JP
[71] SHIN-ETSU CHEMICAL CO., LTD., JP
[22] 2017-11-22
[41] 2018-06-05
[30] JP (2016-235778) 2016-12-05

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[21] **2,986,406**
[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) H04N 21/80 (2011.01) H04N 13/204 (2018.01) H04N 13/257 (2018.01) G06N 3/02 (2006.01) G08B 13/196 (2006.01) G08B 25/00 (2006.01) H04N 5/225 (2006.01)**
[25] EN
[54] **TECHNIQUES FOR ASSESSING GROUP LEVEL COGNITIVE STATES**
[54] **TECHNIQUES D'EVALUATION DES ETATS COGNITIFS AU NIVEAU DU GROUPE**
[72] TU, PETER HENRY, US
[72] GAO, TAO, US
[72] TU, JILIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-11-22
[41] 2018-06-06
[30] US (15/370,736) 2016-12-06

[21] **2,986,407**
[13] A1
[51] **Int.Cl. F21V 29/61 (2015.01) F21V 29/60 (2015.01) F21K 9/00 (2016.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING FAN ROTATING SPEED OF LED LAMP, AND LED LAMP THEREOF**
[54] **METHODE ET SYSTEME DE CONTROLE DE LA VITESSE DE ROTATION D'UN VENTILATEUR D'UNE LAMPE A DEL, ET LAMPE A DEL ASSOCIEE**
[72] FANG, MIN, CN
[72] LONG, QI, CN
[72] SHAN, LIANG, CN
[72] QIN, SHUYI, CN
[72] LI, YONG, CN
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2017-11-22
[41] 2018-06-06
[30] CN (201611108588.8) 2016-12-06

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[21] **2,986,488**
[13] A1
[51] **Int.Cl. A22C 7/00 (2006.01) A23L 13/00 (2016.01) A23L 13/50 (2016.01)**
[25] FR
[54] **FABRICATION PROCESS FOR RAW LIVER PATE CHOPS**
[54] **PROCEDE DE FABRICATION D'ESCALOPES DE FOIS GRAS CRU**
[72] CLOCHARD, JORIS, FR
[72] BARBE BARBE BENEDICTE, FR
[72] LIAIGRE, PIERRE, FR
[72] EYCHENNE, JEREMY, FR
[72] DELOBEL, LAURENT, FR
[71] EURALIS GASTRONOMIE S.A.S., FR
[22] 2017-11-22
[41] 2018-06-08
[30] EP (16 306 644.2) 2016-12-08

---

[21] **2,986,548**
[13] A1
[51] **Int.Cl. H02J 7/04 (2006.01)**
[25] EN
[54] **CURRENT SHARING ARCHITECTURE FOR COMBINATION CHARGER**
[54] **ARCHITECTURE DE PARTAGE DE COURANT DESTINEE A UN CHARGEUR DE COMBINAISON**
[72] KADAM, NILESH ANKUSH, IN
[72] AGRAWAL, ARPIT, IN
[72] MURAHARI, SAIVARAPRASAD, US
[72] SALAS, LUIS, US
[71] EATON CORPORATION, US
[22] 2017-11-23
[41] 2018-06-05
[30] US (15/368,792) 2016-12-05

---

[21] **2,986,576**
[13] A1
[51] **Int.Cl. B22C 9/28 (2006.01) B22D 17/32 (2006.01)**
[25] EN
[54] **CASTING DEVICE AND CASTING METHOD**
[54] **DISPOSITIF DE COULAGE ET METHODE DE COULAGE**
[72] GARTNER, JOSEF, AT
[72] HUBAUER, WERNER, AT
[71] MUBEA PERFORMANCE WHEELS GMBH, AT
[22] 2017-11-24
[41] 2018-06-05
[30] EP (16202301.4) 2016-12-05

---

[21] **2,986,718**
[13] A1
[51] **Int.Cl. B24B 33/02 (2006.01) B24B 33/10 (2006.01) F02F 1/18 (2006.01) F02F 1/20 (2006.01)**
[25] EN
[54] **METHOD OF HONING HIGH-POROSITY CYLINDER LINERS**
[54] **METHODE DE RECTIFICATION DE CHEMISES DE CYLINDRE A HAUTE POROSITE**
[72] MAKI, CLIFFORD E., US
[72] BEYER, TIMOTHY GEORGE, US
[72] GANGOPADHYAY, ARUP KUMAR, US
[72] GHAEDNIA, HAMED, US
[72] ELIE, LARRY DEAN, US
[72] BOILEAU, JAMES MAURICE, US
[71] FORD GLOBAL TECHNOLOGIES, LLC, US
[22] 2017-11-27
[41] 2018-06-05
[30] US (15/369013) 2016-12-05

---

[21] **2,986,859**
[13] A1
[51] **Int.Cl. H02J 1/00 (2006.01) H04L 12/40 (2006.01)**
[25] EN
[54] **POWER SUPPLY SYSTEM COOPERABLE WITH POWERED NETWORK CABLE**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE JOIGNABLE A UN CABLE RESEAU ALIMENTE**
[72] DEDOUREK, PAVEL, CS
[72] DRABEK, TOMAS, CS
[71] EATON CORPORATION, US
[22] 2017-11-28
[41] 2018-06-06
[30] US (15/370,013) 2016-12-06

---

[21] **2,986,872**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 40/02 (2012.01) G06Q 50/16 (2012.01)**
[25] EN
[54] **RICH CONTENT APPRAISAL REPORT GENERATOR**
[54] **GENERATEUR DE RAPPORT D'EVALUATION A CONTENU RICHE**
[72] BISSON, CHRISTOPHER JOHN, CA
[72] GEORGE, MARK TIMOTHY, CA
[72] GAUTHIER, DEVIN, CA
[72] MONTEIRO, MARK NORMAN RICHARD, CA
[71] VALUE CONNECT INC., CA
[22] 2017-11-28
[41] 2018-06-06
[30] US (15/370,374) 2016-12-06

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[21] **2,986,985**
[13] A1
[51] **Int.Cl. H04N 21/485 (2011.01) H04N 21/458 (2011.01) G10L 15/00 (2013.01)**
[25] EN
[54] **NATURAL LANGUAGE DIALOG**
[54] **DIALOGUE EN LANGAGE NATUREL**
[72] BERNHAUPT, REGINA, AT
[71] FM MARKETING GMBH, AT
[22] 2017-11-29
[41] 2018-06-06
[30] DE (10 2016 123 547.4) 2016-12-06

[21] **2,987,048**
[13] A1
[51] **Int.Cl. F25B 49/02 (2006.01) A47F 3/04 (2006.01) F25B 1/10 (2006.01) F25B 5/02 (2006.01) F25B 41/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLING A REFRIGERATION SYSTEM WITH A PARALLEL COMPRESSOR**
[54] **MECANISME DE CONTROLE D'UN SYSTEME DE REFRIGERATION EQUIPE D'UN COMPRESSEUR PARALLELE**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2017-11-28
[41] 2018-06-06
[30] US (15/370,439) 2016-12-06

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[21] **2,987,219**
[13] A1
[51] **Int.Cl. C08L 33/16 (2006.01) C08J 3/05 (2006.01) C09D 5/02 (2006.01) C09D 133/16 (2006.01)**
[25] EN
[54] **AQUEOUS DISPERSION OF FLUORALKYLATED POLYMER PARTICLES WITH ACORN MORPHOLOGY**
[54] **DISPERSION AQUEUSE DE PARTICULES DE POLYMERE FLUROALKYLATEES AYANT UNE MORPHOLOGIE DE GLAND**
[72] BOHLING, JAMES C., US
[72] BROWNELL, ARNOLD S., US
[72] SWARTZ, ANDREW, US
[71] ROHM AND HAAS COMPANY, US
[22] 2017-11-30
[41] 2018-06-09
[30] US (62/432,057) 2016-12-09

---

[21] **2,987,223**
[13] A1
[51] **Int.Cl. C08L 57/04 (2006.01) C08J 3/05 (2006.01) C09D 5/02 (2006.01) C09D 157/04 (2006.01)**
[25] EN
[54] **AQUEOUS DISPERSION OF POLYMER PARTICLES WITH ACORN MORPHOLOGY**
[54] **DISPERSION AQUEUSE DE PARTICULES DE POLYMERE AYANT UNE MORPHOLOGIE DE GLAND**
[72] BOHLING, JAMES C, US
[72] BROWNELL, ARNOLD S., US
[72] SWARTZ, ANDREW, US
[7[illegible]HM AND HAAS COMPANY, US
[22] 2017-11-30
[41] 2018-06-09
[30] US (62/432,061) 2016-12-09

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[21] **2,987,424**
[13] A1
[51] **Int.Cl. A61M 25/09 (2006.01) A61B 5/06 (2006.01) A61M 25/095 (2006.01) A61M 25/16 (2006.01)**
[25] EN
[54] **STEERABLE GUIDING SHEATH WITH RING ELECTRODES AND RELATED METHOD OF CONSTRUCTION**
[54] **GAINE DE GUIDAGE ORIENTABLE A ELECTRODES ANNULAIRES**
[72] TANG, RAYMOND YUE-SING, US
[72] RAZE, BRIAN, US
[72] GRIFFIN, MARK, US
[72] GRATZ, ERIC, US
[72] YOUNG, CORTNEY, US
[72] BIELEFELD, ERIC E., US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-12-04
[41] 2018-06-07
[30] US (15/372,313) 2016-12-07

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[21] **2,987,447**
[13] A1
[51] **Int.Cl. B01D 17/04 (2006.01) C09F 9/00 (2006.01) C10G 33/04 (2006.01) C08F 2/12 (2006.01) C08F 220/10 (2006.01)**
[25] EN
[54] **DEMULSIFIERS FOR CRUDE OIL BASED ON ACRYLIC-AMINOACRYLIC RANDOM COPOLYMERS OF CONTROLLED MOLECULAR MASS**
[54] **DESEMULSIONNEURS DE PETROLE BRUT FONDES SUR DES COPOLYMERES ALEATOIRES ACRYLIQUES-AMINOACRYLIQUES DE MASSE MOLECULAIRE CONTROLEE**
[72] HERNANDEZ CARBAJAL, EDGAR IVAN, MX
[72] FLORES SANDOVAL, CESAR ANDRES, MX
[72] ALVAREZ RAMIREZ, FERNANDO, MX
[72] LOPEZ ORTEGA, ALFONSO, MX
[72] GARCIA JIMENEZ, RODRIGO DE JESUS, MX
[72] ZAVALA OLIVARES, GERARDO, MX
[72] CLAVEL LOPEZ, JUAN DE LA CRUZ, MX
[72] VAZQUEZ MORENO, FLAVIO SALVADOR, MX
[71] INSTITUTO MEXICANO DEL PETROLEO, MX
[22] 2017-12-01
[41] 2018-06-08
[30] MX (MX/A/2016/016226) 2016-12-08

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[21] **2,987,459**
[13] A1
[51] **Int.Cl. A41D 13/00 (2006.01)**
[25] EN
[54] **OZONE GARMENT SYSTEM AND METHODS THEREOF**
[54] **SYSTEME DE VETEMENT A L'OZONE ET METHODES ASSOCIEES**
[72] VERNER, BENJAMIN D., US
[72] SWEENEY, DEVIN T., US
[72] HOLSCHUH, JOHN A., US
[71] MAROLINA OUTDOOR INC., US
[22] 2017-12-04
[41] 2018-06-05
[30] US (62/429,932) 2016-12-05
[30] US (62/444,750) 2017-01-10
[30] US (15/819,035) 2017-11-21

[21] **2,987,516**
[13] A1
[51] **Int.Cl. A47K 10/38 (2006.01) A47K 10/34 (2006.01) A47K 10/36 (2006.01)**
[25] EN
[54] **DISPENSER FOR ROLL OF CORELESS WEB MATERIAL**
[54] **DISTRIBUTEUR DE ROULEAU DE MATERIAU A FIBRE SANS AME**
[72] ZIEBART, BERNIE, US
[72] YOUNG, MICHAEL, US
[71] SAN JAMAR, INC., US
[22] 2017-12-04
[41] 2018-06-05
[30] US (15/368,784) 2016-12-05

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[21] **2,987,535**
[13] A1
[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 34/10 (2016.01) G16H 50/20 (2018.01) A61B 5/0472 (2006.01) G06T 17/20 (2006.01)**
[25] EN
[54] **UPDATING AN ELECTROANATOMICAL MAP**
[54] **MISE A JOUR D'UN PLAN ELECTROANATOMIQUE**
[72] COHEN, ASSAF, IL
[72] ILAN, IDO, IL
[72] MASSARWI, FADY, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-12-01
[41] 2018-06-06
[30] US (15/370,327) 2016-12-06

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[21] **2,987,566**
[13] A1
[51] **Int.Cl. F01N 9/00 (2006.01) F01N 3/20 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **EXHAUST GAS CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE**
[54] **APPAREIL DE CONTROLE DE GAZ D'ECHAPPEMENT DESTINE A UN MOTEUR A COMBUSTION INTERNE**
[72] SAKUMA, TETSUYA, JP
[72] TSUKAMOTO, YOSHIHISA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-12-01
[41] 2018-06-09
[30] JP (2016-239231) 2016-12-09

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[21] **2,987,584**
[13] A1
[51] **Int.Cl. A63B 21/00 (2006.01) A63B 21/068 (2006.01) A63B 23/00 (2006.01)**
[25] EN
[54] **A PORTABLE AND STOWABLE VERTICAL KNEE RAISE EXERCISE APPARATUS, SYSTEM AND METHOD**
[54] **UN APPAREIL D'EXERCICE DE RELEVEMENT DU GENOU VERTICAL, FACILE A RANGER ET PORTATIF, SYSTEME ET METHODE**
[72] NOREN, SCOTT, US
[72] PASTER, AREN, US
[72] CLIPPINGER, AARON, US
[72] VALDEZ, TAYLOR, US
[72] OLIGNY, LARRY, US
[72] BUCHOVECKY, RYAN, US
[72] CROKE, MICHAEL, US
[72] CONWAY, MAEVE, US
[71] NOREN, SCOTT, US
[22] 2017-12-05
[41] 2018-06-06
[30] US (62/430,471) 2016-12-06

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[21] **2,987,591**
[13] A1
[51] **Int.Cl. F41C 7/11 (2006.01) F41A 11/04 (2006.01) F41C 23/04 (2006.01)**
[25] EN
[54] **TAKEDOWN FIREARM WITH INTEGRAL FOREND STORAGE**
[54] **ARME A FEU DEMONTABLE A RANGEMENT DE FUT INTEGRAL**
[72] SESSIONS, TURNER, US
[72] BARFOOT, GRADY, US
[71] MAGPUL INDUSTRIES CORP., US
[22] 2017-12-01
[41] 2018-06-05
[30] US (62/430,247) 2016-12-05

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[21] **2,987,602**
[13] A1
[51] **Int.Cl. E05C 17/02 (2006.01) E05F 11/02 (2006.01)**
[25] EN
[54] **CASEMENT SLIDING OPERATOR**
[54] **MECANISME FONCTIONNEL DE COULISSEMENT D'UN BATTANT**
[72] ERICKSON, NATHAN R., US
[72] JUNGLING, JASON L., US
[71] PELLA CORPORATION, US
[22] 2017-12-04
[41] 2018-06-08
[30] US (62/431,716) 2016-12-08

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[21] **2,987,608**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/12 (2006.01) F04B 9/02 (2006.01) F04B 47/00 (2006.01)**
[25] EN
[54] **HYDROCARBON EXTRACTION TOOL AND PUMP ASSEMBLIES**
[54] **ENSEMBLES DE POMPE ET D'OUTIL D'EXTRACTION D'HYDROCARBURES**
[72] CLARK, SHAWN D., CA
[71] CLARK, SHAWN D., CA
[22] 2017-12-05
[41] 2018-06-05
[30] CA (2950523) 2016-12-05

---

[21] **2,987,612**
[13] A1
[51] **Int.Cl. E05C 17/02 (2006.01) E05F 11/08 (2006.01)**
[25] EN
[54] **SLIDING OPERATOR HANDLE BRAKE**
[54] **FREIN A MAIN COULISSANT**
[72] ERICKSON, NATHAN R., US
[72] JUNGLING, JASON L., US
[71] PELLA CORPORATION, US
[22] 2017-12-04
[41] 2018-06-09
[30] US (62/431,870) 2016-12-09

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[21] **2,987,614**
[13] A1
[51] **Int.Cl. E05B 63/00 (2006.01) E05B 15/00 (2006.01)**
[25] EN
[54] **MULTIPOINT LOCK**
[54] **VERROU MULTIPOINT**
[72] MITCHELL, MICHAEL K., US
[72] JASKIEWICZ, TOMASZ, US
[72] JOHNSON, ERIC, US
[72] KENDALL, ADAM, US
[71] ENDURA PRODUCTS, INC., US
[22] 2017-12-04
[41] 2018-06-05
[30] US (62/430,089) 2016-12-05
[30] US (62/447,955) 2017-01-19
[30] US (62/488,098) 2017-04-21
[30] US (15/828,638) 2017-12-01

[21] **2,987,650**
[13] A1
[51] **Int.Cl. F16J 15/18 (2006.01) F16J 15/20 (2006.01)**
[25] EN
[54] **INFLATABLE STATIC SEAL FOR A RECIPROCATING RODS**
[54] **JOINT STATIQUE GONFLABLE DESTINE A DES TIGES ALTERNATIVES**
[72] MAHIEUX, PASCAL, US
[72] SCHROEDER, DAVID, US
[72] LEFRANCOIS, MICHEL, US
[72] BERGER, MICHEL, US
[72] ROUCHOUZE, BRUNO, US
[71] COMPRESSOR PRODUCTS INTERNATIONAL, LLC, US
[22] 2017-12-01
[41] 2018-06-05
[30] US (62/430,236) 2016-12-05

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[21] **2,987,658**
[13] A1
[51] **Int.Cl. G06F 21/31 (2013.01) G07C 9/00 (2006.01)**
[25] EN
[54] **MOBILE CREDENTIAL REDEMPTION CARD**
[54] **CARTE DE REMISE DE CREDITS MOBILE**
[72] CITRON, STEVEN DOUGLAS, US
[71] NORTEK SECURITY & CONTROL LLC, US
[22] 2017-12-01
[41] 2018-06-05
[30] US (15/369,686) 2016-12-05

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[21] **2,987,668**
[13] A1
[51] **Int.Cl. F21S 10/04 (2006.01) F21K 9/00 (2016.01) H05B 37/02 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL FLAME SIMULATION METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE SIMULATION DE FLAMME MULTICANAL**
[72] OCEGUEDA GALLAGA, VICTOR HUGO, MX
[72] TANG, AN-WU, CN
[72] CHENG, LEWIS KA HANG, CN
[71] POLYGROUP MACAU LIMITED (BVI), VG
[22] 2017-12-01
[41] 2018-06-06
[30] US (62/430,504) 2016-12-06

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[21] **2,987,670**
[13] A1
[51] **Int.Cl. G08B 21/18 (2006.01) H04W 4/12 (2009.01) H04W 80/00 (2009.01) G01D 21/00 (2006.01)**
[25] EN
[54] **INTEGRATED PERSONAL SAFETY AND EQUIPMENT MONITORING SYSTEM**
[54] **SYSTEME INTEGRE DE SURVEILLANCE D'EQUIPEMENT ET DE SECURITE PERSONNELLE**
[72] MATTHEWS, STEVEN GREGORY, CA
[72] MCLELLAN, JAMES FREDERICK, CA
[72] FORGET, ROBERT WYATT, CA
[72] MCDADE, JAMES PAUL, CA
[71] AWARE360 LTD., CA
[22] 2017-12-01
[41] 2018-06-05
[30] US (62/430,110) 2016-12-05

---

[21] **2,987,731**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 11/30 (2006.01)**
[25] EN
[54] **DATABASE MEMORY MONITORING AND DEFRAGMENTATION OF DATABASE INDEXES**
[54] **SURVEILLANCE DE MEMOIRE DE BASE DE DONNEES ET DEFRAGMENTATION D'INDEX DE BASE DE DONNEES**
[72] HARP, VICKY, US
[71] IDERA, INC., US
[22] 2017-12-05
[41] 2018-06-05
[30] US (62/430,226) 2016-12-05

---

[21] **2,987,736**
[13] A1
[51] **Int.Cl. B60P 7/04 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **ROLLING TARP ENCLOSURE SYSTEM**
[54] **SYSTEME DE BOITIER DE BACHE A ENROULEMENT**
[72] DEMONTE, WALTER PETER, CA
[72] DEMONTE, TIMOTHY PAUL, CA
[72] LEBLANC, SHERI LYN, CA
[71] DEMONTE, WALTER PETER, CA
[71] DEMONTE, TIMOTHY PAUL, CA
[71] LEBLANC, SHERI LYN, CA
[22] 2017-12-05
[41] 2018-06-06
[30] US (15/370,135) 2016-12-06
[30] US (15/411,067) 2017-01-20
[30] US (15/426,648) 2017-02-07
[30] US (15/426,751) 2017-02-07

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[21] **2,987,741**
[13] A1
[51] **Int.Cl. C02F 1/44 (2006.01) C02F 1/00 (2006.01) C02F 1/28 (2006.01)**
[25] EN
[54] **GRAVITY-FED WATER PURIFICATION SYSTEM**
[54] **SYSTEME DE PURIFICATION D'EAU ALIMENTE PAR GRAVITE**
[72] SEE, TIMOTHY, US
[71] SEE, TIMOTHY, US
[22] 2017-12-06
[41] 2018-06-06
[30] US (62/430,828) 2016-12-06

---

[21] **2,987,748**
[13] A1
[51] **Int.Cl. B23P 6/00 (2006.01) B23K 35/24 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/22 (2006.01) C22C 38/26 (2006.01) C22C 38/38 (2006.01) C23C 4/06 (2016.01) E21B 17/00 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **WORK STRING TUBING CONNECTION RESTORATION**
[54] **RETABLISSEMENT DE LA CONNEXION DE COLONNE DE PRODUCTION**
[72] MILLER, ROBERT F., US
[72] ALLEN, JAMES D., US
[72] STEFANCIC, STEVEN L., US
[71] POSTLE INDUSTRIES, INC., US
[22] 2017-12-05
[41] 2018-06-09
[30] US (62/432,086) 2016-12-09

[21] **2,987,751**
[13] A1
[51] **Int.Cl. B65D 71/50 (2006.01) B65D 25/56 (2006.01)**
[25] EN
[54] **SHELL AND RETAINER CONTAINMENT SYSTEM FOR DUAL BOTTLES**
[54] **SYSTEME DE RETENUE D'ENVELOPPE ET D'ELEMENT DE FIXATION DESTINE A DES BOUTEILLES DOUBLES**
[72] SPANN, HERBERT H., US
[72] OLTMAN, DARRELL A., US
[71] SNYDER INDUSTRIES, INC., US
[22] 2017-12-05
[41] 2018-06-05
[30] US (62/430,042) 2016-12-05

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[21] **2,987,754**
[13] A1
[51] **Int.Cl. A61G 15/12 (2006.01) A47C 7/38 (2006.01)**
[25] EN
[54] **HEADREST ADJUSTMENT SYSTEM**
[54] **MECANISME D'AJUSTEMENT D'APPUIE-TETE**
[72] BENFIELD, THOMAS MARK, US
[72] HOWE, LINDSEY MICHAEL, US
[71] KAVO DENTAL TECHNOLOGIES, LLC, US
[22] 2017-12-05
[41] 2018-06-09
[30] US (15/374,340) 2016-12-09

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[21] **2,987,763**
[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61M 25/09 (2006.01) A61M 25/092 (2006.01)**
[25] EN
[54] **STEERABLE GUIDING SHEATH WITH RACK AND PINION DEFLECTION MECHANISM**
[54] **GAINE DE GUIDAGE ORIENTABLE DOTEE D'UN SUPPORT ET D'UN MECANISME DE DEVIATION DE PIGNON**
[72] TANG, RAYMOND YUE-SING, US
[72] BIELEFELD, ERIC E., US
[72] MISER, JOHN, US
[72] RAZE, BRIAN, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-12-06
[41] 2018-06-07
[30] US (15/372,329) 2016-12-07

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[21] **2,987,765**
[13] A1
[51] **Int.Cl. C12Q 3/00 (2006.01) C12N 5/071 (2010.01) C12N 5/079 (2010.01) A61F 2/14 (2006.01) A61L 27/38 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01) C12M 3/00 (2006.01) C12Q 1/02 (2006.01)**
[25] EN
[54] **A TUNABLE NEURONAL NETWORK AND AN ARTIFICIAL EYE**
[54] **UN RESEAU NEURONAL ACCORDABLE ET UN OEIL ARTIFICIEL**
[72] SERWANE, FRIEDHELM, DE
[72] SPATZ, JOACHIM, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[22] 2017-12-06
[41] 2018-06-09
[30] EP (16203153.8) 2016-12-09

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[21] **2,987,767**
[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01) G06F 21/62 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LOAN REWARDS PROVISIONING**
[54] **SYSTEMES ET METHODES DE FOURNITURE D'ATTRIBUTION DE PRET**
[72] BUSEVS, DIMITRI, CA
[72] DOBBINS, MICHAEL PAUL, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2017-12-06
[41] 2018-06-06
[30] US (62/430,487) 2016-12-06

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[21] **2,987,774**
[13] A1
[51] **Int.Cl. B64D 27/00 (2006.01) B64C 21/02 (2006.01) B64D 27/24 (2006.01) B64D 31/00 (2006.01)**
[25] EN
[54] **VARIABLE PITCH FOR COORDINATED CONTROL**
[54] **PAS VARIABLE DESTINE A UNE COMMANDE COORDONNEE**
[72] ARMSTRONG, MICHAEL JAMES, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-12-06
[41] 2018-06-07
[30] US (15/371,757) 2016-12-07

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[21] **2,987,780**
[13] A1
[51] **Int.Cl. H02J 9/06 (2006.01)**
[25] EN
[54] **UPS POWER FAILURE DETECTION**
[54] **DETECTION DE DEFAILLANCE ELECTRIQUE D'UNE ALIMENTATION ELECTRIQUE SANS COUPURE**
[72] PATEL, JIGARKUMAR LAKSHMANBHAI, US
[72] HALLACY, STEPHEN, US
[71] TOSHIBA INTERNATIONAL CORPORATION, US
[22] 2017-12-05
[41] 2018-06-08
[30] US (15/373,094) 2016-12-08

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[21] **2,987,781**
[13] A1
[51] **Int.Cl. A61M 25/10 (2013.01) A61B 5/042 (2006.01) A61B 18/18 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **IRRIGATED BALLOON CATHETER WITH SUPPORT SPINES AND VARIABLE SHAPE**
[54] **CATHETER BALLON IRRIGUE DOTE DE CRANS D'APPUI ET FORME VARIABLE**
[72] BASU, SHUBHAYU, US
[72] FUENTES-ORTEGA, CESAR, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-12-05
[41] 2018-06-08
[30] US (62/431,773) 2016-12-08
[30] US (15/827,111) 2017-11-30

[21] **2,987,786**
[13] A1
[51] **Int.Cl. C10G 11/18 (2006.01)**
[25] EN
[54] **FCC YIELD SELECTIVITY IMPROVEMENTS IN HIGH CONTAINMENT RISER TERMINATION SYSTEMS**
[54] **AMELIORATION DE LA SELECTIVITE DU RENDEMENT FCC DANS LES SYSTEMES DE TERMINAISON DE COLONNE MONTANTE A CONFINEMENT ELEVE**
[72] LARSEN, NIKOLAS, US
[72] SEXTON, JEFF, US
[71] MARATHON PETROLEUM COMPANY LP, US
[22] 2017-12-06
[41] 2018-06-06
[30] US (62/430,512) 2016-12-06

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[21] **2,987,837**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **FRESH PRODUCTION PLANNER**
[54] **PLANIFICATEUR DE PRODUCTION D'ALIMENTS FRAIS**
[72] MOON, LATISHA, US
[72] DIXON, GREGORY D., US
[72] BILLINGS, LACRECIA LYNN, US
[72] CHEEK, JAMES, US
[71] WAL-MART STORES, INC., US
[22] 2017-12-05
[41] 2018-06-05
[30] US (62/430,095) 2016-12-05

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[21] **2,987,846**
[13] A1
[51] **Int.Cl. G06N 3/02 (2006.01) G06K 9/36 (2006.01) G06K 9/80 (2006.01) G06N 3/08 (2006.01)**
[25] FR
[54] **IMAGE PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'IMAGES**
[72] LANNES, SARAH, FR
[72] DESPIEGEL, VINCENT, FR
[72] LIFCHITZ, YANN RAPHAEL, FR
[72] GENTRIC, STEPHANE, FR
[71] IDEMIA IDENTITY & SECURITY FRANCE, FR
[22] 2017-12-04
[41] 2018-06-07
[30] FR (16 62 080) 2016-12-07

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[21] **2,987,849**
[13] A1
[51] **Int.Cl. A47C 17/13 (2006.01) A47C 17/04 (2006.01)**
[25] EN
[54] **TRANSFORMABLE SOFA**
[54] **CANAPE CONVERTIBLE**
[72] ADAMS, CHAD E., US
[72] LAPOINTE, LARRY P., US
[72] BRYSON, JASON, US
[72] NORLING, ERICKA K., US
[72] RAINS, JASON D., US
[72] MCCLUNG, MARK D., US
[72] AHMAD, TAHIR, US
[71] LA-Z-BOY INCORPORATED, US
[22] 2017-12-05
[41] 2018-06-06
[30] US (15/369,950) 2016-12-06

---

[21] **2,987,856**
[13] A1
[51] **Int.Cl. C01B 33/44 (2006.01) C01B 33/26 (2006.01) C01B 33/36 (2006.01) C01B 33/38 (2006.01) C09K 8/34 (2006.01) C09K 8/36 (2006.01)**
[25] EN
[54] **ORGANOPHILIC CLAYS AND DRILLING FLUIDS CONTAINING THEM**
[54] **ARGILES ORGANOPHILES ET FLUIDES DE FORAGE EN RENFERMANT**
[72] SMITH, SARAH, US
[72] DAVIS, GARY, US
[72] PARRISH, DENNIS, US
[72] HISAMOTO, MIYAKO, US
[71] EVONIK CORPORATION, US
[22] 2017-12-04
[41] 2018-06-06
[30] US (62/430,486) 2016-12-06

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[21] **2,987,860**
[13] A1
[51] **Int.Cl. G06K 19/077 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **TRANSACTION CARD WITH SECURED MAGNETIC STRIP AND METHOD FOR MAKING THE SAME**
[54] **CARTE DE TRANSACTION A BANDE MAGNETIQUE ET METHODE DE FABRICATION ASSOCIEE**
[72] SUTHAR, OM J., US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-12-06
[41] 2018-06-09
[30] US (62/432,377) 2016-12-09

---

[21] **2,987,862**
[13] A1
[51] **Int.Cl. B61C 17/00 (2006.01) B61L 27/04 (2006.01)**
[25] FR
[54] **CONTROL PROCESS FOR A RAIL VEHICLE, ASSOCIATED CONTROL SYSTEM AND RAIL VEHICLE**
[54] **PROCEDE DE COMMANDE D'UN VEHICULE FERROVIAIRE, SYSTEME DE COMMANDE ET VEHICULE FERROVIAIRE ASSOCIES**
[72] BRESSON, MATHIEU, FR
[72] BALLESTEROS, JAVIER, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-12-04
[41] 2018-06-08
[30] FR (16 62154) 2016-12-08

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[21] **2,987,965**
[13] A1
[51] **Int.Cl. G06K 19/02 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **SOFT TOUCH RESIN AND TRANSACTION CARD COMPRISING THE SAME**
[54] **RESINE A TOUCHER DOUX ET CARTE DE TRANSACTION COMPORTANT LADITE RESINE**
[72] SUTHAR, OM J., US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-12-07
[41] 2018-06-09
[30] US (62/432,094) 2016-12-09

---

[21] **2,987,972**
[13] A1
[51] **Int.Cl. A47D 1/00 (2006.01) A47C 7/62 (2006.01) B60N 2/26 (2006.01)**
[25] EN
[54] **ADJUSTABLE CHILD DEVICE**
[54] **DISPOSITIF AJUSTABLE DESTINE A UN ENFANT**
[72] CUI, ZONG-WANG, CN
[71] WONDERLAND SWITZERLAND AG, CH
[22] 2017-12-07
[41] 2018-06-08
[30] CN (201611122920.6) 2016-12-08
[30] CN (201710286557.X) 2017-04-27
[30] CN (201710912101.X) 2017-09-29

[21] **2,987,990**
[13] A1
[51] **Int.Cl. C12Q 1/34 (2006.01) C12Q 1/02 (2006.01) C12Q 1/37 (2006.01) C12Q 1/42 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **SCREENING BROTHS COMPRISING ESCULATIN COMPOUNDS FOR THE DETECTION OF SPECIFIC MICROORGANISMS**
[54] **ANALYSE DE BOUILLONS RENFERMANT DES COMPOSES D'ESCULATINE EN VUE DE LA DETECTION DE MICRO-ORGANISMES SPECIFIQUES**
[72] POTTER, CHRISTOPHER ANDREW, GB
[72] ELMERHEBI, EZZEDDINE FAWAZ, GB
[71] NEOGEN CORPORATION, US
[22] 2017-12-07
[41] 2018-06-09
[30] US (62/432,121) 2016-12-09

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[21] **2,988,017**
[13] A1
[51] **Int.Cl. B62D 55/12 (2006.01) B62D 55/07 (2006.01) B62D 55/08 (2006.01)**
[25] EN
[54] **DRIVE TRAIN COMPONENTS FOR RECREATIONAL VEHICLES**
[54] **COMPOSANTES DE TRAIN D'ENTRAINEMENT DESTINEES A DES VEHICULES RECREATIFS**
[72] THOMPSON, KEVIN D., US
[72] HOMME, GARY O., US
[72] DANIELSON, DEVIN J., US
[72] ELLSWORTH, ANDREW J., US
[71] ARCTIC CAT INC., US
[22] 2017-12-07
[41] 2018-06-07
[30] US (62/431,230) 2016-12-07

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[21] **2,988,043**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) F21S 10/04 (2006.01)**
[25] EN
[54] **FLAMELESS CANDLE RECHARGING STATION**
[54] **POSTE DE RECHARGE D'UNE CHANDELLE SANS FLAMME**
[72] SCHREIBER, DANIEL, CA
[72] RASMUSSEN, CHRISTOPHER, CA
[72] CHEN, YU CHUN, TW
[71] LEOLIGHT INC., CA
[22] 2017-12-07
[41] 2018-06-08
[30] US (62/431,619) 2016-12-08

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[21] **2,988,052**
[13] A1
[51] **Int.Cl. A61B 17/84 (2006.01) A61B 17/88 (2006.01) A61F 2/30 (2006.01) A61F 2/38 (2006.01)**
[25] EN
[54] **ORTHOPAEDIC IMPLANT WITH FIXATION FEATURE AND A METHOD OF IMPLANTING THEREOF**
[54] **IMPLANT ORTHOPEDIQUE A FONCTIONNALITE DE FIXATION ET UNE METHODE D'IMPLANTATION ASSOCIEE**
[72] JURICK, JOSEPH W., US
[72] STALCUP, GREGORY C., US
[72] DIETZEL, STEVEN, US
[71] SMED-TA/TD, LLC, US
[22] 2017-12-05
[41] 2018-06-06
[30] US (62/430585) 2016-12-06

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[21] **2,988,066**
[13] A1
[51] **Int.Cl. B60R 9/04 (2006.01)**
[25] EN
[54] **ROOF LUGGAGE RACK AND VEHCILE WITH THE SAME**
[54] **SUPPORT DE TOIT POUR BAGAGES ET VEHICULE EQUIPE DUDIT SUPPORT**
[72] CHEN, YONGBO, CN
[72] ZHANG, ZHIHAI, CN
[72] HUANG, WEI, CN
[72] HE, WEITING, CN
[72] YANG, ZHUEN, CN
[71] WINBO-DONGJIAN AUTOMOTIVE TECHNOLOGY CO., LTD., CN
[22] 2017-12-07
[41] 2018-06-09
[30] CN (201611129399.9) 2016-12-09

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[21] **2,988,130**
[13] A1
[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ISSUING AND MANAGING FLEXIBLE LOANS**
[54] **SYSTEME ET METHODE DE DELIVRANCE ET DE GESTION DE PRETS CONDITIONNELS**
[72] KRAJICEK, GABRIEL, US
[72] MORRISON, BEN, US
[72] WAUPSH, JOHN, US
[72] CHRISTENSEN, DIANE, US
[72] COHEN, CHRISTOPHER, US
[72] ITTYCHERIA, PRADEEP, US
[71] KASASA, LTD., US
[22] 2017-12-07
[41] 2018-06-07
[30] US (62/431,363) 2016-12-07
[30] US (62/559,825) 2017-09-18
[30] US (15/833,964) 2017-12-06

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[21] **2,988,139**
[13] A1
[51] **Int.Cl. F16F 7/00 (2006.01) A47B 81/00 (2006.01) G10K 11/16 (2006.01) H04R 1/02 (2006.01)**
[25] EN
[54] **ANTI-VIBRATION DEVICE FOR SOUND EQUIPMENT AND SOUND EQUIPMENT RACK WITH ANTI-VIBRATION DEVICE**
[54] **DISPOSITIF ANTI-VIBRATION DESTINE A L'EQUIPEMENT DE SON ET SUPPORT D'EQUIPEMENT DE SON DOTE DU DISPOSITIF ANTI-VIBRATION**
[72] LAM, WAI MING, HK
[71] B LAM LIMITED, HK
[22] 2017-12-07
[41] 2018-06-08
[30] CN (201611127617.5) 2016-12-08

[21] **2,988,143**
[13] A1
[51] **Int.Cl. B60W 10/101 (2012.01) B60W 10/11 (2012.01) B60K 23/00 (2006.01) F16H 59/50 (2006.01)**
[25] EN
[54] **CONTROLLER FOR VEHICLE AND CONTROL METHOD FOR VEHICLE**
[54] **CONTROLEUR DE VEHICULE ET METHODE DE CONTROLE DE VEHICULE**
[72] KOBAYASHI, NOBUFUSA, JP
[72] MINAMIKAMA, KOKI, JP
[72] BABA, MASAYUKI, JP
[72] MATSUBARA, TORU, JP
[72] KATSUMATA, MUNEHIRO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-12-07
[41] 2018-06-09
[30] US (2016-239820) 2016-12-09

---

[21] **2,988,145**
[13] A1
[51] **Int.Cl. E02B 3/02 (2006.01)**
[25] EN
[54] **WATER DIVERSION SYSTEM, METHOD AND APPARATUS**
[54] **SYSTEME, METHODE ET APPAREIL DE DEVIATION D'EAU**
[72] DIETZLER, JOHN P., US
[72] DIETZLER, DANIEL P., US
[71] DIETZLER CONSTRUCTION CORPORATION, US
[22] 2017-12-07
[41] 2018-06-09
[30] US (62/432,056) 2016-12-09

---

[21] **2,988,151**
[13] A1
[51] **Int.Cl. E05F 11/10 (2006.01) E05F 11/16 (2006.01) E06B 3/36 (2006.01)**
[25] EN
[54] **SLIDING OPERATING HANDLE**
[54] **POIGNEE FONCTIONNELLE COULISSANTE**
[72] ERICKSON, NATHAN R., US
[72] JUNGLING, JASON L., US
[71] PELLA CORPORATION, US
[22] 2017-12-08
[41] 2018-06-08
[30] US (62/431,716) 2016-12-08
[30] US (62/431,870) 2016-12-09

---

[21] **2,988,158**
[13] A1
[51] **Int.Cl. B63B 35/76 (2006.01)**
[25] EN
[54] **RECREATIONAL FLOTATION DEVICE**
[54] **DISPOSITIF DE FLOTTAISON RECREATIF**
[72] DE GRASSE, SCOTT R., US
[71] AQUA-LEISURE INDUSTRIES, INC., US
[22] 2017-12-08
[41] 2018-06-09
[30] US (62/432,026) 2016-12-09
[30] US (15/835,546) 2017-12-08

---

[21] **2,988,160**
[13] A1
[51] **Int.Cl. G01R 31/02 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **OPEN NEUTRAL DETECTOR**
[54] **DETECTEUR NEUTRE OUVERT**
[72] OLDHAM, DONALD PAUL, US
[72] MOUSSA, HAMZE, US
[71] SOUTHWIRE COMPANY, LLC, US
[22] 2017-12-08
[41] 2018-06-09
[30] US (62/432,310) 2016-12-09

---

[21] **2,988,193**
[13] A1
[51] **Int.Cl. H01R 13/73 (2006.01) A47C 7/62 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **CUSHION-MOUNTED ELECTRICAL OUTLETS**
[54] **PRISES ELECTRIQUES INSTALLEES SUR UN COUSSINET**
[72] BYRNE, NORMAN R., US
[72] WARD, JOSEPH D., US
[71] BYRNE, NORMAN R., US
[22] 2017-12-08
[41] 2018-06-09
[30] US (62/432342) 2016-12-09

---

[21] **2,988,213**
[13] A1
[51] **Int.Cl. B60B 33/00 (2006.01)**
[25] EN
[54] **HIGH STRENGTH CASTER WITH DUAL OFFSET ORBITAL MOUNTING ASSEMBLY**
[54] **ROULETTE HAUTE RESISTANCE A DISPOSITIF D'INSTALLATION ORBITAL DECALE DOUBLE**
[72] AUBIN, PHILIP, US
[22] 2017-12-08
[41] 2018-06-09
[30] US (62/432210) 2016-12-09
[30] US (15/833366) 2017-12-06

---

[21] **2,988,215**
[13] A1
[51] **Int.Cl. C07C 5/333 (2006.01)**
[25] EN
[54] **DEHYDROGENATION OF OLEFIN-RICH HYDROCARBON MIXTURES**
[54] **DESHYDROGENISATION DE MELANGES D'HYDROCARBURES RICHES EN OLEFINE**
[72] STOCHNIOL, GUIDO, DE
[72] FRANKE, ROBERT, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2017-12-06
[41] 2018-06-08
[30] EP (16 202 840.1) 2016-12-08

---

[21] **2,988,231**
[13] A1
[51] **Int.Cl. E06B 9/38 (2006.01)**
[25] EN
[54] **SELF-CENTERING END CAPS FOR ARCHITECTURAL STRUCTURE COVERINGS**
[54] **CAPUCHONS D'EXTREMITE AUTO-CENTRANTS DESTINES A DES REVETEMENTS DE STRUCTURE ARCHITECTURALE**
[72] MCNEIL, DAVID, US
[72] HOLT, RON, US
[72] WISECUP, STEVE, US
[71] HUNTER DOUGLAS INC., US
[22] 2017-12-08
[41] 2018-06-09
[30] US (62/432,235) 2016-12-09

[21] **2,988,246**
[13] A1
[51] **Int.Cl. F23C 15/00 (2006.01) F23D 14/02 (2006.01) F23D 14/32 (2006.01) F23D 14/34 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **COMBUSTION BURNERS AND ASSOCIATED METHODS OF OPERATION**
[54] **BRULEURS A COMBUSTION ET METHODES ASSOCIEES D'UTILISATION**
[72] GAROSSINO, RICHARD B., CA
[72] KARRINGTEN, DARSELL, CA
[72] YAKIMCHUK, SANDY, CA
[71] ABSOLUTE COMBUSTION INTERNATIONAL INC., CA
[22] 2017-12-11
[41] 2018-06-09
[30] US (62/432,549) 2016-12-09

---

[21] **2,988,274**
[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61B 90/00 (2016.01) A61B 6/12 (2006.01) A61M 25/06 (2006.01) A61M 25/09 (2006.01)**
[25] EN
[54] **TRANS-JUGULAR CAROTID ARTERY ACCESS METHODS**
[54] **METHODES D'ACCES TRANS-JUGULAIRE A L'ARTERE CARIOTIDE**
[72] PILLAI, LAKSHMIKUMAR, US
[71] VASCULAR ACCESS TECHNOLOGIES, INC., US
[22] 2017-12-08
[41] 2018-06-09
[30] US (62/432,369) 2016-12-09
[30] US (62/433,634) 2016-12-13
[30] US (62,440,735) 2016-12-30

---

[21] **2,988,285**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01)**
[25] EN
[54] **NEW SOLID FORMS OF SITAGLIPTIN**
[54] **NOUVELLES FORMES SOLIDES DE SITAGLIPTINE**
[72] DOMINGUEZ CHAVEZ, JORGE GUILLERMO, MX
[72] MONDRAGON VASQUEZ, KARINA, MX
[72] SENOSIAIN PELAEZ, JUAN PABLO, MX
[71] ALPARIS, S.A. DE C.V., MX
[22] 2017-12-07
[41] 2018-06-08
[30] MX (MX/A/2016/016260) 2016-12-08

---

[21] **2,988,291**
[13] A1
[51] **Int.Cl. G06Q 30/04 (2012.01) B25J 9/16 (2006.01) G06F 9/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR BILLING ROBOT USE**
[54] **METHODES ET SYSTEMES DE FACTURATION D'UTILISATION D'UN ROBOT**
[72] ANDERSON, MATTHEW HENRY, CA
[72] YIP, JESSICA HIL-YIN, CA
[72] KUNG, ANSON YAN SHUN, CA
[72] KHANGURA, RANJIT SINGH, CA
[71] A&K ROBOTICS INC., CA
[22] 2017-12-08
[41] 2018-06-08
[30] US (62/431,797) 2016-12-08

---

[21] **2,988,292**
[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61B 17/22 (2006.01) A61M 25/092 (2006.01) A61M 25/10 (2013.01) A61M 29/02 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR VASCULAR ACCESS**
[54] **METHODES ET DISPOSITIFS D'ACCES AU RESEAU VASCULAIRE**
[72] PILLAI, LAKSHMIKUMAR, US
[72] WHOLEY, MARK H., US
[71] VASCULAR ACCESS TECHNOLOGIES, INC., US
[22] 2017-12-08
[41] 2018-06-09
[30] US (62/432,359) 2016-12-09

---

[21] **2,988,302**
[13] A1
[51] **Int.Cl. F24F 11/871 (2018.01) F24F 1/14 (2011.01) F25B 49/02 (2006.01)**
[25] EN
[54] **METHOD TO AVOID FAN CYCLING DURING LOW AMBIENT OPERATION**
[54] **METHODE D'EVITEMENT DE FONCTIONNEMENT CYCLIQUE D'UN VENTILATEUR PENDANT UN FONCTIONNEMENT A FAIBLE CHANGEMENT AMBIANT**
[72] MACKEY, DAVID, US
[72] HIM, AYLAN, US
[72] YAP, ZER KAI, US
[71] LENNOX INDUSTRIES INC., US
[22] 2017-12-08
[41] 2018-06-09
[30] US (15/374,665) 2016-12-09

---

[21] **2,988,315**
[13] A1
[51] **Int.Cl. F04B 47/06 (2006.01) E21B 43/12 (2006.01) F04B 49/20 (2006.01) F04B 49/22 (2006.01) F04B 53/10 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **HYDRAULICALLY ACTUATED DOUBLE-ACTING POSITIVE DISPLACEMENT PUMP SYSTEM FOR PRODUCING FLUIDS FROM A DEVIATED WELLBORE**
[54] **SYSTEME DE POMPE A DEPLACEMENT POSITIF ET DOUBLE ACTION ACTIONNE HYDRAULIQUEMENT SERVANT A PRODUIRE DES FLUIDES A PARTIR D'UN TROU DE FORAGE DEVIE**
[72] DING, YUCHANG (BOB), CA
[72] DING, XUEFENG (KEVIN), CA
[71] PMC PUMPS INC., CA
[22] 2017-12-06
[41] 2018-06-06
[30] US (62/430,717) 2016-12-06

[21] **2,988,323**
[13] A1
[51] **Int.Cl. B65D 19/22 (2006.01) B65D 19/38 (2006.01) B65D 21/032 (2006.01)**
[25] EN
[54] **STACKABLE PALLET SYSTEM**
[54] **ENSEMBLE DE PALETTES EMPILABLES**
[72] DEUTSCH, ANDREW, US
[72] KISH, DONALD P., US
[71] NORTH COAST CONTAINER, US
[22] 2017-12-07
[41] 2018-06-09
[30] US (62/432,257) 2016-12-09

---

[21] **3,000,134**
[13] A1
[51] **Int.Cl. G09B 9/54 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SIMULATING A RADAR IMAGE**
[54] **METHODE ET SYSTEME DE SIMULATION D'IMAGE RADAR**
[72] BEN CHEIKH, TAIEB LAMINE, CA
[72] GUILLEMETTE, PASCAL, CA
[71] CAE INC., CA
[22] 2018-03-29
[41] 2018-06-07
[30] US (62/590,873) 2017-11-27

---

[21] **3,000,140**
[13] A1
[51] **Int.Cl. H04R 29/00 (2006.01) G10L 21/0216 (2013.01) H04R 3/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CALIBRATING A SOUND SIGNAL IN A PLAYBACK AUDIO SYSTEM**
[54] **METHODE ET SYSTEME D'ETALONNAGE D'UN SIGNAL SONORE DANS UN SYSTEME DE LECTURE AUDIO**
[72] AYOTTE, MAXIME, CA
[71] CAE INC., CA
[22] 2018-03-29
[41] 2018-06-06

---

[21] **3,000,141**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 23/28 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **DUAL CHANNEL MEDICAL SIMULATOR**
[54] **SIMULATEUR MEDICAL A DOUBLE CANAL**
[72] DRISCOLL, CHRISTOPHER, CA
[72] VILLENEUVE, PHILIPPE, CA
[72] FLAMAND, JEAN-SEBASTIEN, CA
[72] MALLACI, GIUSEPPE, CA
[71] CAE HEALTHCARE CANADA INC., CA
[22] 2018-03-29
[41] 2018-06-07

---

[21] **3,000,145**
[13] A1
[51] **Int.Cl. B64D 45/04 (2006.01)**
[25] FR
[54] **ANTICIPATION PROCESS AND SYSTEM FOR ENTRY INTO A VORTEX FIELD BY A ROTORCRAFT**
[54] **PROCEDE ET SYSTEME D'ANTICIPATION DE L'ENTREE DANS UN DOMAINE DE VORTEX PAR UN GIRAVION**
[72] QUARANTA, HUGO, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2018-03-29
[41] 2018-06-07
[30] FR (1770526) 2017-05-24

---

[21] **3,000,260**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/12 (2006.01) E21B 43/18 (2006.01)**
[25] EN
[54] **METHODS FOR PERFORMING FRACTURING AND ENHANCED OIL RECOVERY IN TIGHT OIL RESERVOIRS**
[54] **METHODE DE REALISATION DE FRACTURATION ET RECUPERATION AMELIOREE DE PETROLE DANS LES RESERVOIRS DE PETROLE A FAIBLE PERMEABILITE**
[72] WANG, XIANGZENG, CN
[72] ZENG, FANHUA, CA
[72] SHEN, FENG, CN
[72] YUAN, QINGWANG, CA
[72] WU, JINQIAO, CN
[71] RESEARCH INSTITUTE OF SHAANXI YANCHANG PETROLEUM GROUP, LTD., CN
[22] 2018-04-04
[41] 2018-06-08
[30] CN (201810235536.X) 2018-03-21

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[21] **3,000,261**
[13] A1
[51] **Int.Cl. G01N 13/00 (2006.01) E21B 49/00 (2006.01)**
[25] EN
[54] **APPARATUSES, SYSTEMS AND METHODS FOR EVALUATING IMBIBITION EFFECTS OF WATERFLOODING IN TIGHT OIL RESERVOIRS**
[54] **APPAREILLAGES, SYSTEMES ET METHODES D'EVALUATION DES EFFETS D'IMBIBITION D'INONDATION DANS LES RESERVOIRS DE PETROLE A FAIBLE PERMEABILITE**
[72] WANG, XIANGZENG, CN
[72] ZENG, FANHUA, CA
[72] DANG, HAILONG, CN
[72] ZHOU, XIANG, CA
[72] PENG, XIAOLONG, CA
[71] RESEARCH INSTITUTE OF SHAANXI YANCHANG PETROLEUM GROUP, LTD., CN
[22] 2018-04-04
[41] 2018-06-08
[30] CN (201810234850.6) 2018-03-21

[21] **3,000,467**
[13] A1
[51] **Int.Cl. G09G 5/12 (2006.01) G09B 9/00 (2006.01) H04N 5/66 (2006.01) H04N 5/74 (2006.01)**
[25] EN
[54] **SYNCHRONIZING VIDEO OUTPUTS TOWARDS A SINGLE DISPLAY FREQUENCY**
[54] **SYNCHRONISATION DE PRODUCTION VIDEO EN UNE SEULE FREQUENCE D'AFFICHAGE**
[72] BERUBE, SAMUEL, CA
[72] DION, JEAN-SEBASTIEN, CA
[71] CAE INC., CA
[22] 2018-04-06
[41] 2018-06-04
[30] US (15/941,929) 2018-03-30

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,960,975**
[13] A1
[51] **Int.Cl. A61F 9/00 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENT DELIVERY DEVICE WITH ADVANCEABLE CANNULA AND NEEDLE**
[54] **DISPOSITIF D'ADMINISTRATION D'UN AGENT THERAPEUTIQUE MUNI D'UNE CANULE ET D'UNE AIGUILLE POUVANT AVANCER.**
[72] KO, BENJAMIN L., US
[72] ROTH, ROBERT H., US
[72] MEYER, THOMAS E., US
[72] GORDON, PAUL D., US
[72] KHAN, ISAAC J., US
[72] PRICE, DANIEL W., US
[72] OBERKIRCHER, BRENDAN J., US
[72] KEANE, MICHAEL F., US
[71] JANSSEN BIOTECH, INC., US
[85] 2017-03-10
[86] 2015-09-10 (PCT/US2015/049432)
[87] (WO2016/040636)
[30] US (62/049,135) 2014-09-11
[30] US (14/840,676) 2015-08-31

---

[21] **2,977,742**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 12/00 (2006.01)**
[25] EN
[54] **METHOD FOR DEDUPLICATION IN STORAGE SYSTEM, STORAGE SYSTEM, AND CONTROLLER**
[54] **METHODE DE DEDOUBLEMENT DANS UN SYSTEME DE RANGEMENT, SYSTEME DE RANGEMENT ET CONTROLEUR**
[72] LAN, WENHAI, CN
[72] ZHANG, WEI, CN
[72] YU, XIAOAN, CN
[72] LIU, XUYOU, CN
[72] ZHANG, ZHIXIONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-04-12
[86] 2016-09-28 (PCT/CN2016/100629)
[87] (2977742)

---

[21] **2,984,375**
[13] A1
[51] **Int.Cl. B03B 9/06 (2006.01) B02C 7/00 (2006.01) B02C 7/11 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING OF ELECTRICAL AND ELECTRONIC COMPONENTS TO RECOVER VALUABLE MATERIALS**
[54] **METHODE DE TRAITEMENT DE COMPOSANTS ELECTRIQUES ET ELECTRONIQUES SERVANT A RECUPERER DES MATERIAUX UTILES**
[72] GABL, HELMUTH, AT
[71] ANDRITZ AG, AT
[85] 2017-10-30
[86] 2015-11-19 (PCT/EP2015/077083)
[87] (WO2016/087220)
[30] AT (A50883/2014) 2014-12-04

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[21] **2,994,550**
[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/06 (2009.01) H04L 29/08 (2006.01)**
[25] EN
[54] **MANAGING ACCESS TO RESOURCES**
[54] **GESTION D'ACCES A DES RESSOURCES**
[72] QUINLAN, SEAN MICHAEL, US
[72] SOMANI, HANIFF, US
[72] JORAJEV, ALIBEK, GB
[72] MAURYA, SANJIV, US
[72] GILCHRIST, GARY, US
[72] CHIRINOS, LUIS, US
[72] LOHMAN, KEVIN CHARLES, US
[72] VAN SOMEREN, NICHOLAS, US
[71] GOOD TECHNOLOGY HOLDINGS LIMITED, CA
[85] 2018-01-31
[86] 2016-02-25 (PCT/US2016/019631)
[87] (WO2017/023365)
[30] US (62/199,487) 2015-07-31

---

[21] **2,997,155**
[13] A1
[51] **Int.Cl. G01V 1/00 (2006.01) E21D 20/00 (2006.01)**
[25] EN
[54] **SOUND LEVEL METER-BASED TUNNEL ROOF ROCK PROTODYAKONOV COEFFICIENT DETECTING-WHILE-DRILLING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE DETECTION EN COURS DE FORAGE A COEFFICIENT PROTODYAKONOV DE PAROI ROCHEUSE TUNNEL FONDE SUR UN COMPTEUR DE NIVEAU SONORE**
[72] ZHENG, XIGUI, CN
[72] CHENG, XING, CN
[72] LI, SHIAO, CN
[72] SU, HUI, CN
[72] AN, TIELIANG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[85] 2018-03-02
[86] 2017-07-04 (PCT/CN2017/091610)
[87] (2997155)
[30] CN (201611101992.2) 2016-12-05

[21] **2,997,724**
[13] A1
[51] **Int.Cl. C25C 3/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ELECTROLYTE COMPOSITION ANALYSIS**
[54] **DISPOSITIF ET PROCEDE POUR DETERMINER LA COMPOSITION D'UN ELECTROLYTE**
[72] SIMAKOV, DMITRIJ ALEKSANDROVICH, RU
[72] GUSEV, ALEKSANDR OLEGOVICH, RU
[72] BAKIN, KIRILL BORISOVICH, RU
[72] DONTSOV, ALEKSANDR VIKTOROVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU
[85] 2018-03-06
[86] 2017-05-30 (PCT/RU2017/000368)
[87] (WO2017/213553)
[30] RU (2016122695) 2016-06-08

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[21] **2,998,583**
[13] A1
[51] **Int.Cl. A44C 13/00 (2006.01) A44C 15/00 (2006.01)**
[25] EN
[54] **INTERCHANGEABLE JEWELRY**
[54] **BIJOU INTERCHANGEABLE**
[72] GREEN, KAREN L., US
[72] SMITH, GINA M., US
[71] STYLE DOTS LLC, US
[85] 2018-03-20
[86] 2017-12-06 (PCT/US2017/064945)
[87] (2998583)
[30] US (62/430,756) 2016-12-06

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[21] **2,999,068**
[13] A1
[51] **Int.Cl. A47L 9/24 (2006.01) A47L 5/24 (2006.01) A47L 5/36 (2006.01)**
[25] EN
[54] **AN APPLIANCE FOR VACUUM CLEANING**
[54] **UN APPAREIL DE NETTOYAGE PAR ASPIRATION**
[72] TIAN, JICHUAN, CN
[72] HU, JIANFENG, US
[72] XIANG, BO, CN
[71] NINGBO BEARI ELECTRIC CO LTD, CN
[85] 2018-03-23
[86] 2017-11-30 (PCT/CN2017/113963)
[87] (2999068)
[30] CN (201611106166.7) 2016-12-06

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[21] **3,001,787**
[13] A1
[51] **Int.Cl. E21B 33/129 (2006.01) E21B 23/06 (2006.01) E21B 33/12 (2006.01) E21B 33/13 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOL AND METHOD OF USE**
[54] **OUTIL DE FOND DE TROU ET METHODE D'UTILISATION**
[72] HOU, YANAN, US
[72] DAVIES, EVAN LLOYD, US
[72] AVILA, LUIS MIGUEL, US
[72] VANLUE, DUKE, US
[71] DOWNHOLE TECHNOLOGY, LLC, US
[85] 2018-04-17
[86] 2017-11-17 (PCT/US2017/062250)
[87] (3001787)
[30] US (62/423,620) 2016-11-17

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[21] **3,002,268**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/30 (2016.01)**
[25] EN
[54] **OPTICAL-BASED INPUT FOR MEDICAL DEVICES**
[54] **SIGNAL D'ENTREE FONDE SUR L'OPTIQUE DESTINE AUX DISPOSITIFS MEDICAUX**
[72] SRIMOHANARAJAH, KIRUSHA, CA
[72] LUI, DOROTHY, CA
[72] SELA, GAL, CA
[72] SOMAN, STEPHEN ELLIOTT, CA
[72] MOVAGHATI, SEPIDE, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2018-04-20
[86] 2016-12-08 (PCT/CA2016/051440)
[87] (3002268)

---

[21] **3,004,450**
[13] A1
[51] **Int.Cl. A61K 35/30 (2015.01) A61K 35/545 (2015.01) A61P 25/00 (2006.01)**
[25] EN
[54] **NEURAL CELL EXTRACELLULAR VESSICLES**
[54] **VESICULES EXTRACELLULAIRES DE CELLULES NEURALES**
[72] STICE, STEVEN L., US
[72] WEBB, ROBIN LYNN, US
[72] STICE, TRACY A., US
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
[71] ARUNA BIOMEDICAL, INC., US
[85] 2018-05-04
[86] 2016-11-16 (PCT/US2016/062245)
[87] (WO2017/087500)
[30] US (62/256,823) 2015-11-18

[21] **3,005,352**
[13] A1
[51] **Int.Cl. H01M 8/1226 (2016.01) H01M 8/0206 (2016.01) H01M 8/0232 (2016.01) H01M 8/0271 (2016.01) H01M 8/0273 (2016.01) H01M 8/0286 (2016.01) H01M 8/124 (2016.01)**
[25] EN
[54] **ELECTRO-CHEMICAL MODULE**
[54] **MODULE ELECTROCHIMIQUE**
[72] SCHAFBAUER, WOLFGANG, AT
[72] KOGL, MARKUS, AT
[72] RUTTINGER, MATTHIAS, AT
[72] BIENERT, CHRISTIAN, AT
[72] BRANDNER, MARCO, DE
[71] PLANSEE SE, AT
[85] 2018-05-15
[86] 2016-06-29 (PCT/AT2016/000073)
[87] (WO2017/008093)
[30] AT (GM 209/2015) 2015-07-14

[21] **3,005,845**
[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01) B01D 43/00 (2006.01)**
[25] EN
[54] **ACOUSTIC AFFINITY SEPARATION**
[54] **SEPARATION PAR AFFINITE ACOUSTIQUE**
[72] LIPKENS, BART, US
[72] GILMANSHIN, RUDOLF, US
[72] PRESZ, WALTER M., JR., US
[72] MASI, LOUIS, US
[72] KENNEDY, THOMAS J., III, US
[71] FLODESIGN SONICS, INC., US
[85] 2018-05-10
[86] 2016-07-28 (PCT/US2016/044586)
[87] (WO2017/019916)
[30] US (62/197,801) 2015-07-28

[21] **3,005,899**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MODULATING AN IMMUNE RESPONSE**
[54] **COMPOSITIONS ET METHODES DE MODULATION D'UNE REPONSE IMMUNITAIRE**
[72] SAGE, PETER T., US
[72] SHARPE, ARLENE H., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2018-05-18
[86] 2016-11-23 (PCT/US2016/063604)
[87] (WO2017/091729)
[30] US (62/258,876) 2015-11-23
[30] US (62/300,339) 2016-02-26

[21] **3,005,906**
[13] A1
[51] **Int.Cl. A61K 38/57 (2006.01) C07K 14/81 (2006.01)**
[25] EN
[54] **RECOMBINANT HUMAN C1 ESTERASE INHIBITOR AND USES THEREOF**
[54] **INHIBITEUR DE LA C1 ESTERASE HUMAINE RECOMBINANTE ET SES UTILISATIONS**
[72] NORTON, ANGELA W., US
[72] COPPOLA, GERMANO, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[85] 2018-05-18
[86] 2016-11-18 (PCT/US2016/062906)
[87] (WO2017/087882)
[30] US (62/257,711) 2015-11-19

[21] **3,005,948**
[13] A1
[51] **Int.Cl. A01G 7/00 (2006.01) A01G 17/00 (2006.01)**
[25] EN
[54] **METHOD FOR PROPAGATION OF WOODY PLANTS FROM LEAF CUTTINGS**
[54] **PROCEDE DE PROPAGATION DE PLANTES LIGNEUSES A PARTIR DE BOUTURES DE FEUILLE**
[72] GARCIA, ROLANDO, CL
[72] VIZCARRA, GABRIELA, CL
[71] BIOTECNOLOGICA EMPRESARIAL DEL SUR SPA, CL
[85] 2018-05-22
[86] 2016-11-22 (PCT/IB2016/057039)
[87] (WO2017/089957)
[30] CL (03437-2015) 2015-11-23

[21] **3,005,996**
[13] A1
[51] **Int.Cl. A61K 36/00 (2006.01) A61K 36/185 (2006.01) A61P 11/02 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING SAPONINS FROM PLANTS**
[54] **PROCEDE D'OBTENTION DE SAPONINES A PARTIR DE PLANTES**
[72] PADILLA IGLESIAS, LEANDRO, CL
[72] VALENCIA MICHAUD, ANDRES, CL
[71] NATURAL RESPONSE, S.A., CL
[85] 2018-05-22
[86] 2016-11-02 (PCT/US2016/060023)
[87] (WO2017/091333)
[30] CL (PCT/CL2015/000062) 2015-11-25

[21] **3,006,001**
[13] A1
[51] **Int.Cl. G06F 17/25 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECOGNIZING SLIDE**
[54] **PROCEDE ET APPAREIL POUR RECONNAITRE UNE DIAPOSITIVE**
[72] HU, JUAN, CN
[72] WANG, QIAN, CN
[72] ZHOU, XIAN, CN
[72] ZHUANG, YONG, CN
[71] GUANGZHOU KINGSOFT MOBILE TECHNOLOGY CO., LTD., CN
[71] BEIJING KINGSOFT OFFICE SOFTWARE, INC., CN
[71] ZHUHAI KINGSOFT OFFICE SOFTWARE CO., LTD., CN
[85] 2018-05-23
[86] 2016-11-15 (PCT/CN2016/105885)
[87] (WO2017/114015)
[30] CN (201511033937.X) 2015-12-31

---

[21] **3,006,013**
[13] A1
[51] **Int.Cl. B62K 5/05 (2013.01) B62K 5/10 (2013.01) B62K 5/08 (2006.01) B62K 21/00 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] HARA, NOBUO, JP
[72] FUKUHARA, YUKIHIDE, JP
[72] TOYOTA, TAKESHI, JP
[72] NAGATA, TATSUYA, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[85] 2018-05-18
[86] 2016-11-17 (PCT/JP2016/084167)
[87] (WO2017/086403)
[30] JP (2015-228014) 2015-11-20

---

[21] **3,006,017**
[13] A1
[51] **Int.Cl. H04L 25/02 (2006.01) H04W 84/12 (2009.01) H04L 27/26 (2006.01)**
[25] EN
[54] **DATA TRANSMISSION METHOD AND APPARATUS IN WIRELESS LOCAL AREA NETWORK**
[54] **APPAREIL ET METHODE DE TRANSMISSION DE DONNEES DANS UN RESEAU LOCAL SANS FIL**
[72] LIN, WEI, CN
[72] XUE, XIN, CN
[72] WANG, NINGJUAN, CN
[72] LIU, LE, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-05-23
[86] 2016-11-23 (PCT/CN2016/106941)
[87] (WO2017/088761)
[30] CN (201510823977.8) 2015-11-23
[30] CN (201510854631.4) 2015-11-30

---

[21] **3,006,021**
[13] A1
[51] **Int.Cl. C07C 1/20 (2006.01) B01J 27/14 (2006.01) C10G 35/00 (2006.01)**
[25] EN
[54] **BIFUNCTIONAL CATALYST COMPRISING PHOSPHOROUS**
[54] **CATALYSEUR BIFONCTIONNEL COMPRENANT DU PHOSPHORE**
[72] MENTZEL, UFFE VIE, DK
[72] JOENSEN, FINN, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2018-05-23
[86] 2016-11-30 (PCT/EP2016/079315)
[87] (WO2017/093338)
[30] DK (PA 2015 00766) 2015-11-30
[30] DK (PA 2015 00767) 2015-11-30
[30] DK (PA 2015 00768) 2015-11-30

---

[21] **3,006,025**
[13] A1
[51] **Int.Cl. C07C 1/20 (2006.01) B01J 27/14 (2006.01) C10G 35/00 (2006.01)**
[25] EN
[54] **BIFUNCTIONAL CATALYST COMPRISING EVENLY DISTRIBUTED PHOSPHOROUS**
[54] **CATALYSEUR BIFONCTIONNEL COMPRENANT DU PHOSPHORE REPARTI UNIFORMEMENT**
[72] JOENSEN, FINN, DK
[72] MENTZEL, UFFE VIE, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2018-05-23
[86] 2016-11-30 (PCT/EP2016/079320)
[87] (WO2017/093342)
[30] DK (PA 2015 00767) 2015-11-30
[30] DK (PA 2015 00768) 2015-11-30
[30] DK (PA 2015 00766) 2015-11-30

---

[21] **3,006,052**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/02 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **HETERODIMERIC ANTIBODIES THAT BIND CD3 AND CD38**
[54] **ANTICORPS HETERODIMERIQUES SE LIANT AUX ANTIGENES CD3 ET CD38**
[72] STEVENS, JENNITTE LEANN, US
[72] BALAZS, MERCEDESZ, US
[72] NOLAN-STEVAUX, OLIVIER, US
[72] MOORE, GREGORY, US
[72] DESJARLAIS, JOHN, US
[72] BERNETT, MATTHEW J., US
[72] CHU, SEUNG Y., US
[72] RASHID, RUMANA, GB
[72] MUCHHAL, UMESH, US
[71] AMGEN INC., US
[71] XENCOR, INC., US
[85] 2018-05-23
[86] 2016-11-23 (PCT/US2016/063480)
[87] (WO2017/091656)
[30] US (14/952,786) 2015-11-25
[30] US (PCT/US2015/062786) 2015-11-25

[21] **3,006,069**
[13] A1
[51] **Int.Cl. A61K 39/15 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **THERMALLY STABLE ROTAVIRUS VACCINE FORMULATIONS AND METHODS OF USE THEREOF**
[54] **FORMULATIONS THERMIQUEMENT STABLES DE VACCIN ANTI-ROTAVIRUS ET LEURS METHODES D'UTILISATION**
[72] EVANS, ROBERT K., US
[72] STRABLE, ERICA L., US
[72] ISOPI, LYNNE, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2018-05-23
[86] 2016-12-13 (PCT/US2016/066248)
[87] (WO2017/106115)
[30] US (62/269,419) 2015-12-18

[21] **3,006,102**
[13] A1
[51] **Int.Cl. G16H 50/30 (2018.01) A61B 5/00 (2006.01)**
[25] EN
[54] **AUTOMATED HEALTH DATA ACQUISITION, PROCESSING AND COMMUNICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ACQUISITION, DE TRAITEMENT ET DE COMMUNICATION AUTOMATIQUES DE DONNEES DE SANTE**
[72] OHNEMUS, PETER, CH
[72] NAEF, ANDRE, CH
[72] JACOBS, LAURENCE, CH
[72] LEASON, DAVID, US
[71] DACADOO AG, CH
[71] LEASON, DAVID, US
[85] 2018-05-23
[86] 2016-11-23 (PCT/US2016/063606)
[87] (WO2017/091730)
[30] US (62/259,593) 2015-11-24
[30] US (62/269,808) 2015-12-18
[30] US (62/341,421) 2016-05-25
[30] US (62/383,027) 2016-09-02
[30] US (62/409,329) 2016-10-17

[21] **3,006,105**
[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) A01N 65/00 (2009.01) A61K 9/00 (2006.01) A61K 35/66 (2015.01) A61K 35/74 (2015.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR REDUCING VANCOMYCIN-RESISTANT ENTEROCOCCI INFECTION OR COLONIZATION**
[54] **PROCEDES ET COMPOSITIONS POUR REDUIRE UNE INFECTION OU COLONISATION D'ENTEROCOCCI RESISTANT A LA VANCOMYCINE**
[72] PAMER, ERIC, US
[72] MCKENNEY, PETER, US
[72] CABALLERO, SILVIA, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2018-05-23
[86] 2016-11-23 (PCT/US2016/063643)
[87] (WO2017/091753)
[30] US (62/260,164) 2015-11-25
[30] US (62/301,873) 2016-03-01

[21] **3,006,110**
[13] A1
[51] **Int.Cl. A61K 39/04 (2006.01) A61K 49/00 (2006.01)**
[25] EN
[54] **SKIN TESTING FOR TUBERCULOSIS IN IMMUNOCOMPROMISED PERSONS**
[54] **TESTS CUTANES POUR LA DETECTION DE LA TUBERCULOSE CHEZ LES PERSONNES IMMUNOCOMPROMISES**
[72] AGGERBECK, HENRIK, DK
[72] ANDERSEN, PETER LAWAETZ, DK
[72] RUHWALD, MORTEN, DK
[71] STATENS SERUM INSTITUT, DK
[85] 2018-05-17
[86] 2016-11-15 (PCT/DK2016/050366)
[87] (WO2017/084671)
[30] DK (PA 2015 00739) 2015-11-18
[30] DK (PA 2016 00064) 2016-02-01

[21] **3,006,223**
[13] A1
[51] **Int.Cl. E21B 19/15 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **PIPE HANDLING APPARATUS FOR SUPPLYING PIPES TO SNUBBING UNITS**
[54] **APPAREIL DE MANIPULATION DE TUYAU DESTINE A ACHEMINER DES TUYAUX A DES UNITES DE RECONDITIONNEMENT SOUS PRESSION**
[72] SPADONI, LUCIANO, IT
[71] THS SRL, IT
[85] 2018-05-17
[86] 2015-03-30 (PCT/IT2015/000085)
[87] (WO2016/157222)

[21] **3,006,224**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 35/17 (2015.01) A61K 39/395 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **NOVEL PD-1 IMMUNE MODULATING AGENTS**
[54] **NOUVEAUX AGENTS DE MODULATION IMMUNITAIRE PD -1**
[72] BRENTJENS, RENIER J., US
[72] JACKSON, HOLLIE JAINE, US
[72] LIU, CHENG, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[71] EUREKA THERAPEUTICS, INC., US
[85] 2017-12-20
[86] 2016-06-23 (PCT/US2016/039015)
[87] (WO2016/210129)
[30] US (62/183,297) 2015-06-23
[30] US (62/266,398) 2015-12-11

[21] **3,006,240**
[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01)**
[25] EN
[54] **A STEPWISE REFINEMENT DETECTION METHOD FOR PAVEMENT CRACKS**
[54] **PROCEDE DE DETECTION DE FISSURES DE CHAUSSEE A AFFINEMENT PROGRESSIF**
[72] LI, QINGQUAN, CN
[72] ZHANG, DEJIN, CN
[72] CAO, MIN, CN
[72] LIN, HONG, CN
[71] WUHAN WUDA ZOYON SCIENCE AND TECHNOLOGY CO., LTD., CN
[85] 2018-04-20
[86] 2015-04-27 (PCT/CN2015/077528)
[87] (WO2016/172827)

---

[21] **3,006,245**
[13] A1
[51] **Int.Cl. A61F 7/00 (2006.01)**
[25] EN
[54] **AIR FLOW SYSTEM AND METHOD FOR AIR CIRCULATION THERAPY**
[54] **SYSTEME D'ECOULEMENT D'AIR ET PROCEDE DE THERAPIE PAR CIRCULATION D'AIR**
[72] SABBAHI, WESAM, US
[71] SABBAHI, WESAM, US
[85] 2018-03-29
[86] 2016-09-30 (PCT/US2016/054952)
[87] (WO2017/059333)
[30] US (62/235,169) 2015-09-30

---

[21] **3,006,259**
[13] A1
[51] **Int.Cl. A61K 35/57 (2015.01) A23K 10/20 (2016.01) A23K 20/158 (2016.01) A23K 50/80 (2016.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING PREEN OIL AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS CONTENANT DE L'HUILE DE GLANDE UROPYGIENNE ET PROCEDES POUR LES UTILISER**
[72] COOK, MARK E., US
[72] SAND, JORDAN, US
[72] OLSON, JAKE M., US
[72] BARRY, TERRENCE P., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2018-04-26
[86] 2016-10-26 (PCT/US2016/058769)
[87] (WO2017/078997)
[30] US (14/931,289) 2015-11-03

---

[21] **3,006,278**
[13] A1
[51] **Int.Cl. H02P 21/22 (2016.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING A PERMANENT MAGNET SYNCHRONOUS MOTOR**
[54] **SYSTEMES ET PROCEDES DE COMMANDE D'UN MOTEUR SYNCHRONE A AIMANTS PERMANENTS**
[72] ADEMOYE, TAORIDI A., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-05-02
[86] 2016-11-01 (PCT/US2016/059914)
[87] (WO2017/079160)
[30] US (62/250,299) 2015-11-03

---

[21] **3,006,326**
[13] A1
[51] **Int.Cl. B62D 25/08 (2006.01) B62D 29/00 (2006.01)**
[25] EN
[54] **VEHICLE FRONT BODY STRUCTURE AND METHOD FOR MANUFACTURING THEREOF**
[54] **STRUCTURE DE CARROSSERIE AVANT DE VEHICULE ET SON PROCEDE DE FABRICATION**
[72] VIAUX, IVAN, FR
[72] DROUADAINE, YVES, FR
[71] ARCELORMITTAL, LU
[85] 2018-05-24
[86] 2016-12-09 (PCT/EP2016/002078)
[87] (WO2017/097426)
[30] IB (PCT/IB2015/002319) 2015-12-09

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[21] **3,006,327**
[13] A1
[51] **Int.Cl. B65C 9/00 (2006.01) B65C 9/40 (2006.01) F16P 1/02 (2006.01)**
[25] EN
[54] **LABELING ASSEMBLY FOR LABELING MACHINES**
[54] **ENSEMBLE D'ETIQUETAGE POUR MACHINES D'ETIQUETAGE**
[72] SCHINELLI, NICOLA, IT
[71] P.E. LABELLERS S.P.A., IT
[85] 2018-05-24
[86] 2016-12-01 (PCT/EP2016/079416)
[87] (WO2017/093392)
[30] IT (102015000080271) 2015-12-04

[21] **3,006,328**
[13] A1
[51] **Int.Cl. C07C 273/04 (2006.01) C07C 273/14 (2006.01)**
[25] EN
[54] **INTEGRATED PROCESS FOR THE PRODUCTION OF FORMALDEHYDE-STABILISED UREA**
[54] **PROCEDE INTEGRE DE PRODUCTION D'UREE STABILISEE PAR DU FORMALDEHYDE**
[72] ERLANDSSON, OLA, SE
[72] MAGNUSSON, ANDREAS ERIK JOHAN, SE
[72] MCFARLANE, KATE, GB
[72] PACH, JOHN DAVID, GB
[72] SHELDON, DANIEL THOMAS, GB
[72] WARD, DARREN, GB
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2018-05-24
[86] 2016-11-28 (PCT/GB2016/053725)
[87] (WO2017/103564)
[30] GB (1522396.9) 2015-12-18

[21] **3,006,333**
[13] A1
[51] **Int.Cl. G06F 17/18 (2006.01) E02B 8/06 (2006.01) G01D 1/14 (2006.01) G01F 9/00 (2006.01) G01F 23/00 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **ENVIRONMENTAL MONITORING SYSTEMS, METHODS AND MEDIA**
[54] **SYSTEMES DE SURVEILLANCE ENVIRONNEMENTALE, PROCEDES ET SUPPORTS**
[72] FARAHMAND, TOURAJ, CA
[71] AQUATIC INFORMATICS INC., CA
[85] 2018-05-24
[86] 2016-11-24 (PCT/CA2016/000290)
[87] (WO2017/088040)
[30] US (62/260,224) 2015-11-25

[21] **3,006,334**
[13] A1
[51] **Int.Cl. B62D 25/02 (2006.01) B21D 22/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN AUTOMOTIVE STRUCTURAL PART COMPRISING A LOWERSIDE SILL AND A LOWER FRONT PILLAR**
[54] **PROCEDE POUR PRODUIRE UNE PARTIE STRUCTURELLE D'AUTOMOBILE COMPRENANT UN BAS DE CAISSE COTE INFERIEUR ET UN MONTANT AVANT INFERIEUR**
[72] VIAUX, IVAN, FR
[71] ARCELORMITTAL, LU
[85] 2018-05-24
[86] 2016-12-09 (PCT/EP2016/002077)
[87] (WO2017/097425)
[30] IB (PCT/IB2015/059484) 2015-12-09

[21] **3,006,335**
[13] A1
[51] **Int.Cl. B01D 53/94 (2006.01) C01C 1/08 (2006.01) F01N 3/20 (2006.01)**
[25] FR
[54] **COMPOSITION MADE FROM UREA FOR TREATING EXHAUST GASES**
[54] **COMPOSITION A BASE D'UREE POUR LE TRAITEMENT DES GAZ D'ECHAPPEMENT**
[72] COLLIN, ANNABELLE, FR
[71] TOTAL MARKETING SERVICES, FR
[85] 2018-05-24
[86] 2016-11-28 (PCT/FR2016/053118)
[87] (WO2017/093644)
[30] FR (1561762) 2015-12-02

[21] **3,006,336**
[13] A1
[51] **Int.Cl. A61K 8/25 (2006.01) A61K 8/02 (2006.01) A61K 8/19 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITION FOR REMINERALISATION AND WHITENING OF TEETH**
[54] **COMPOSITION DE SOINS BUCCAUX POUR REMINERALISATION ET BLANCHIMENT DES DENTS**
[72] BUDDE, TANJA, CH
[72] GERARD, DANIEL E., CH
[72] GANE, PATRICK A. C., CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-05-24
[86] 2016-11-11 (PCT/EP2016/077405)
[87] (WO2017/093002)
[30] EP (15198112.3) 2015-12-04
[30] US (62/286,491) 2016-01-25

[21] **3,006,337**
[13] A1
[51] **Int.Cl. D21H 21/40 (2006.01) B42D 25/29 (2014.01) B42D 25/342 (2014.01) B42D 25/355 (2014.01) D21H 21/42 (2006.01)**
[25] FR
[54] **SECURITY DOCUMENT AND ELEMENT**
[54] **ELEMENT ET DOCUMENT DE SECURITE**
[72] GILLOT, JULIEN, FR
[72] CHAPEAU, GUILLAUME, FR
[72] BORDE, XAVIER, FR
[71] OBERTHUR FIDUCIAIRE SAS, FR
[85] 2018-05-24
[86] 2016-11-29 (PCT/EP2016/079132)
[87] (WO2017/093250)
[30] FR (1561635) 2015-12-01

[21] **3,006,338**
[13] A1
[51] **Int.Cl. C03C 17/36 (2006.01)**
[25] FR
[54] **SUSBTRATE PROVIDED WITH A STACK HAVING THERMAL PROPERTIES, COMPRISING AT LEAST ONE NICKEL OXIDE LAYER**
[54] **SUBSTRAT MUNI D'UN EMPILEMENT A PROPRIETES THERMIQUES COMPORTANT AU MOINS UNE COUCHE EN OXYDE DE NICKEL**
[72] GUIMARD, DENIS, FR
[72] MARIANI, SILVIA, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-05-24
[86] 2016-12-01 (PCT/FR2016/053170)
[87] (WO2017/093675)
[30] FR (1561720) 2015-12-02

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[21] **3,006,339**
[13] A1
[51] **Int.Cl. C03C 17/36 (2006.01)**
[25] FR
[54] **SUSBTRATE PROVIDED WITH A STACK HAVING THERMAL PROPERTIES, COMPRISING AT LEAST ONE NICKEL OXIDE LAYER**
[54] **SUBSTRAT MUNI D'UN EMPILEMENT A PROPRIETES THERMIQUES COMPORTANT AU MOINS UNE COUCHE EN OXYDE DE NICKEL**
[72] GUIMARD, DENIS, FR
[72] MARIANI, SILVIA, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-05-24
[86] 2016-12-01 (PCT/FR2016/053172)
[87] (WO2017/093677)
[30] FR (1561722) 2015-12-02

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[21] **3,006,340**
[13] A1
[51] **Int.Cl. C08G 63/668 (2006.01) C08J 7/04 (2006.01) C09D 151/08 (2006.01)**
[25] EN
[54] **CARBOXY-FUNCTIONAL, POLYETHER-BASED REACTION PRODUCTS AND AQUEOUS BASECOAT MATERIALS COMPRISING THE REACTION PRODUCTS**
[54] **PRODUITS DE REACTION CARBOXYFONCTIONNNELS A BASE DE POLYETHER ET PEINTURES DE BASE AQUEUSES CONTENANT LESDITS PRODUITS DE REACTION**
[72] STEINMETZ, BERNHARD, DE
[72] HOFFMANN, PETER, DE
[72] REUTER, HARDY, DE
[71] BASF COATINGS GMBH, DE
[85] 2018-05-24
[86] 2016-11-30 (PCT/EP2016/079192)
[87] (WO2017/097642)
[30] EP (15198679.1) 2015-12-09

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[21] **3,006,341**
[13] A1
[51] **Int.Cl. B27K 5/00 (2006.01) B27K 3/08 (2006.01) B27K 3/15 (2006.01)**
[25] FR
[54] **PROCESS FOR PARTIAL DELIGNIFICATION AND FILLING OF A LIGNOCELLULOSIC MATERIAL, AND COMPOSITE STRUCTURE ABLE TO BE OBTAINED BY THIS PROCESS**
[54] **PROCEDE DE DELIGNIFICATION PARTIELLE ET DE REMPLISSAGE D'UN MATERIAU LIGNO-CELLULOSIQUE, ET STRUCTURE DE MATERIAU COMPOSITE SUSCEPTIBLE D'ETRE OBTENUE PAR CE PROCEDE**
[72] BOITOUZET, TIMOTHEE, FR
[72] DROGUET, BENJAMIN, FR
[71] BOITOUZET, TIMOTHEE, FR
[85] 2018-05-24
[86] 2016-12-07 (PCT/FR2016/053247)
[87] (WO2017/098149)
[30] FR (1561953) 2015-12-07

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[21] **3,006,343**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **MULTI-PHASE IP-FLOW-BASED CLASSIFIER WITH DOMAIN NAME AND HTTP HEADER AWARENESS**
[54] **CLASSIFICATEUR REPOSANT SUR UN FLUX IP MULTI-PHASE A RECONNAISSANCE DE NOM DE DOMAINE ET D'EN-TETE HTTP**
[72] DILLON, DOUGLAS M., US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2018-05-09
[86] 2016-04-28 (PCT/US2016/029676)
[87] (WO2016/178886)
[30] US (14/702,665) 2015-05-01

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[21] **3,006,344**
[13] A1
[51] **Int.Cl. H02H 7/22 (2006.01)**
[25] EN
[54] **A FAULT-TOLERANT TOPOLOGY FOR MULTILEVEL T-TYPE CONVERTERS**
[54] **TOPOLOGIE A TOLERANCE DE PANNES POUR CONVERTISSEURS MULTINIVEAUX DU TYPE EN T**
[72] HE, JIANGBIAO, US
[72] DEMERDASH, NABEEL A.O., US
[71] MARQUETTE UNIVERSITY, US
[85] 2018-05-14
[86] 2016-11-10 (PCT/US2016/061338)
[87] (WO2017/083521)
[30] US (62/255,075) 2015-11-13

[21] **3,006,346**
[13] A1
[51] **Int.Cl. C22C 21/04 (2006.01) C22C 21/02 (2006.01) C22F 1/043 (2006.01)**
[25] FR
[54] **HIGHLY RIGID THIN SHEET METAL FOR CAR BODY**
[54] **TOLE MINCE A HAUTE RIGIDITE POUR CARROSSERIE AUTOMOBILE**
[72] RATCHEV, PETAR, FR
[72] MASSE, JEAN-PHILIPPE, FR
[72] CHABRIOL, CHRISTOPHE, FR
[72] SHAHANI, RAVI, FR
[72] DOLEGA, LUKASZ, FR
[71] CONSTELLIUM NEUF-BRISACH, FR
[85] 2018-05-23
[86] 2016-11-07 (PCT/FR2016/052878)
[87] (WO2017/093627)
[30] FR (1561647) 2015-12-01
[30] FR (1655564) 2016-06-15

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[21] **3,006,349**
[13] A1
[51] **Int.Cl. G06K 9/46 (2006.01) G08C 15/06 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DYNAMIC REASSIGNMENT OF AN IDENTIFICATION CODE IN A LIGHT-BASED POSITIONING SYSTEM**
[54] **PROCEDE ET SYSTEME DE REATTRIBUTION DYNAMIQUE D'UN CODE D'IDENTIFICATION DANS UN SYSTEME DE POSITIONNEMENT A BASE DE LUMIERE**
[72] LYDECKER, STEPHEN H., US
[72] KLITENIK, KONSTANTIN, US
[72] RYAN, DANIEL, US
[72] MALANDRAKIS, EMANUEL PAUL, US
[72] ABOU-RIZK, MITRI J., US
[71] ABL IP HOLDING LLC, US
[85] 2018-05-18
[86] 2016-11-11 (PCT/US2016/061553)
[87] (WO2017/087271)
[30] US (14/944,774) 2015-11-18

---

[21] **3,006,355**
[13] A1
[51] **Int.Cl. G06F 9/44 (2018.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EXECUTING A FUNCTION FOR PROCESSING DATA USING A SERVER**
[54] **PROCEDE ET SYSTEME D'EXECUTION D'UNE FONCTION DE TRAITEMENT DE DONNEES A L'AIDE D'UN SERVEUR**
[72] VINCENT, THOMAS BERNARD PASCAL, CA
[71] CADENS IMAGERIE MEDICALE INC., CA
[85] 2018-05-24
[86] 2016-11-25 (PCT/IB2016/057139)
[87] (WO2017/090005)
[30] US (62/260,392) 2015-11-27

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[21] **3,006,356**
[13] A1
[51] **Int.Cl. G01N 33/52 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS OF PREDICTING PROGRESSION OF BARRETT'S ESOPHAGUS**
[54] **PROCEDES DE PREDICTION DE LA PROGRESSION DE L'ENDOBRACHYOESOPHAGE**
[72] THORNE, REBECCA J., US
[71] CERNOSTICS, INC., US
[85] 2018-05-24
[86] 2016-11-23 (PCT/US2016/063482)
[87] (WO2017/091658)
[30] US (62/260,010) 2015-11-25

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[21] **3,006,360**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **NON-INVASIVE METHOD TO ASSESS EMBRYO COMPETENCE**
[54] **METHODE NON INVASIVE POUR EVALUER LA COMPETENCE D'UN EMBRYON**
[72] PALLINGER, EVA, HU
[72] SZEKERES, JULIA, HU
[72] BOGNAR, ZOLTAN, HU
[72] GODONY, KRISZTINA, HU
[72] BODIS, JOZSEF, HU
[72] BUZAS, EDIT, HU
[71] SEMMELWEIS EGYETEM, HU
[71] PECSI TUDOMANYEGYETEM, HU
[85] 2018-05-24
[86] 2016-11-25 (PCT/HU2016/050058)
[87] (WO2017/089850)
[30] HU (P1500579) 2015-11-27

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[21] **3,006,361**
[13] A1
[51] **Int.Cl. F23R 3/52 (2006.01) F02C 3/04 (2006.01) F02C 6/12 (2006.01) F02C 7/10 (2006.01) F02C 7/143 (2006.01) F23R 3/02 (2006.01)**
[25] EN
[54] **MICRO-TURBINE GAS GENERATOR AND PROPULSIVE SYSTEM**
[54] **GENERATEUR DE GAZ A MICRO-TURBINE ET SYSTEME DE PROPULSION**
[72] EVULET, ANDREI, US
[71] JETOPTERA, INC., US
[85] 2018-05-24
[86] 2016-12-02 (PCT/US2016/064827)
[87] (WO2017/116613)
[30] US (62/263,407) 2015-12-04

[21] **3,006,362**
[13] A1
[51] **Int.Cl. B62D 25/02 (2006.01) B62D 25/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN INNER AUTOMOTIVE STRUCTURAL PART COMPRISING LOCALIZED REINFORCED AREAS**
[54] **PROCEDE DE PRODUCTION D'UNE PIECE DE STRUCTURE AUTOMOBILE INTERNE COMPRENANT DES ZONES RENFORCEES LOCALISEES**
[72] VIAUX, IVAN, FR
[72] DROUADAINE, IVES, FR
[71] ARCELORMITTAL, LU
[85] 2018-05-24
[86] 2016-12-08 (PCT/IB2016/057429)
[87] (WO2017/098427)
[30] IB (PCT/IB2015/059479) 2015-12-09

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[21] **3,006,365**
[13] A1
[51] **Int.Cl. A61K 31/662 (2006.01) A61K 9/00 (2006.01) A61P 27/02 (2006.01)**
[25] FR
[54] **AMINOPHOSPHINIC DERIVATIVES FOR PREVENTING AND TREATING EYE PAIN**
[54] **DERIVES AMINOPHOSPHINIQUES POUR LA PREVENTION ET LE TRAITEMENT DES DOULEURS OCULAIRES**
[72] PORAS, HERVE, FR
[72] WURM, MICHEL, FR
[72] MELIK PARSADANIANTZ, STEPHANE, FR
[72] REAUX-LE GOAZIGO, ANNABELLE, FR
[71] PHARMALEADS, FR
[85] 2018-05-24
[86] 2016-11-30 (PCT/EP2016/079285)
[87] (WO2017/093322)
[30] FR (1561598) 2015-11-30

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[21] **3,006,369**
[13] A1
[51] **Int.Cl. B22D 11/22 (2006.01) B22D 11/124 (2006.01)**
[25] EN
[54] **SECONDARY COOLING METHOD AND SECONDARY COOLING DEVICE FOR CASTING PRODUCT IN CONTINUOUS CASTING**
[54] **METHODE DE REFROIDISSEMENT SECONDAIRE ET DISPOSITIF DE REFROIDISSEMENT SECONDAIRE DESTINE A UN PRODUIT DE MOULAGE EN MOULAGE CONTINU**
[72] KUWAUCHI, YUKI, JP
[72] FUNAGANE, HITOSHI, JP
[72] HAYASHI, SATORU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-05-24
[86] 2017-01-27 (PCT/JP2017/003053)
[87] (WO2017/131204)
[30] JP (2016-016252) 2016-01-29

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[21] **3,006,371**
[13] A1
[51] **Int.Cl. G01R 31/04 (2006.01) G01R 31/00 (2006.01) G01R 31/02 (2006.01) H02H 11/00 (2006.01)**
[25] EN
[54] **A SAFETY DEVICE FOR A POWER SUPPLY OR APPLIANCE COUPLED THERETO**
[54] **DISPOSITIF DE SECURITE POUR UNE ALIMENTATION ELECTRIQUE OU UN APPAREIL ELECTRIQUE COUPLE A CELLE-CI**
[72] LINDSAY, NEIL, AU
[71] LINDSAY, NEIL, AU
[85] 2018-05-25
[86] 2016-12-01 (PCT/AU2016/051182)
[87] (WO2017/091861)
[30] AU (2015904981) 2015-12-01

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[21] **3,006,374**
[13] A1
[51] **Int.Cl. B21D 15/04 (2006.01) B21D 15/06 (2006.01) B21D 17/02 (2006.01) B21D 17/04 (2006.01) B21H 1/20 (2006.01) B21H 1/22 (2006.01)**
[25] EN
[54] **CAM GROOVING MACHINE**
[54] **MACHINE DE RAINURAGE A CAME**
[72] DOLE, DOUGLAS R., US
[71] VICTAULIC COMPANY, US
[85] 2018-05-24
[86] 2016-11-22 (PCT/US2016/063291)
[87] (WO2017/095693)
[30] US (62/260,922) 2015-11-30
[30] US (62/359,395) 2016-07-07
[30] US (62/363,892) 2016-07-19
[30] US (62/395,747) 2016-09-16

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[21] **3,006,375**
[13] A1
[51] **Int.Cl. B02C 2/04 (2006.01) F16H 55/36 (2006.01)**
[25] EN
[54] **TORQUE REACTION PULLEY FOR AN INERTIA CONE CRUSHER**
[54] **POULIE A REACTION DE COUPLE POUR BROYEUR A CONE D'INERTIE**
[72] FREDRIKSSON, MAGNUS, SE
[72] HOLSTEIN, MARTIN, SE
[72] GUNNARSSON, JOHAN, SE
[72] LINDVALL, JONAS, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2018-05-25
[86] 2015-12-18 (PCT/EP2015/080433)
[87] (WO2017/102023)

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[21] **3,006,376**
[13] A1
[51] **Int.Cl. A63C 13/00 (2006.01) A63C 10/00 (2012.01) A43B 5/04 (2006.01) A63C 9/00 (2012.01)**
[25] EN
[54] **HYDRID SNOWSHOE-SKI**
[54] **HYBRIDE RAQUETTE-SKI**
[72] FABER, GUY, CA
[71] FABER ET CIE INC., CA
[85] 2018-05-25
[86] 2015-12-24 (PCT/CA2015/051380)
[87] (WO2017/106954)

[21] **3,006,378**
[13] A1
[51] **Int.Cl. B61C 17/00 (2006.01) B61C 15/00 (2006.01) H02P 9/04 (2006.01)**
[25] EN
[54] **AUXILIARY POWER SYSTEM FOR VEHICLE**
[54] **SYSTEME DE PUISSANCE AUXILIAIRE POUR VEHICULE**
[72] GOTMALM, CHRISTER, CA
[72] MANCUSO, JAMES, CA
[71] CANADIAN ENVIRONMENTAL TECHNOLOGIES INC., BS
[85] 2018-05-25
[86] 2016-11-24 (PCT/CA2016/051378)
[87] (WO2017/088057)
[30] CA (2,914,185) 2015-11-27

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[21] **3,006,379**
[13] A1
[51] **Int.Cl. G05B 19/409 (2006.01) B66F 11/04 (2006.01)**
[25] FR
[54] **CONTROL CONSOLE AND AERIAL LIFT INCLUDING SUCH A CONTROL CONSOLE**
[54] **PUPITRE DE COMMANDE ET NACELLE ELEVATRICE COMPRENANT UN TEL PUPITRE DE COMMANDE**
[72] BEJI, SLAHEDDINE, FR
[72] LEMARCHAND, LUDOVIC, FR
[71] HAULOTTE GROUP, FR
[85] 2018-05-24
[86] 2016-12-08 (PCT/EP2016/080180)
[87] (WO2017/097874)
[30] FR (1562064) 2015-12-09

---

[21] **3,006,380**
[13] A1
[51] **Int.Cl. A61K 35/742 (2015.01) A61K 9/20 (2006.01)**
[25] EN
[54] **METHODS OF TREATING COLITIS**
[54] **METHODES DE TRAITEMENT DE LA COLITE**
[72] COOK, DAVID, US
[72] HENN, MATTHEW, US
[72] LACHEY, JENNIFER, US
[71] SERES THERAPEUTICS, INC., US
[85] 2018-05-24
[86] 2016-07-08 (PCT/US2016/041538)
[87] (WO2017/008026)
[30] US (62/190,123) 2015-07-08
[30] US (62/250,829) 2015-11-04

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[21] **3,006,381**
[13] A1
[51] **Int.Cl. E02D 5/80 (2006.01) E04H 12/20 (2006.01)**
[25] EN
[54] **GUY WIRE SUPPORT ANCHORING DEVICE**
[54] **DISPOSITIF D'ANCRAGE DE SUPPORT DE HAUBAN**
[72] PASINI, CIRO, CA
[71] TDM TECHNOLOGIES INC., CA
[85] 2018-05-25
[86] 2016-11-25 (PCT/CA2016/000292)
[87] (WO2017/088042)
[30] US (62/260,384) 2015-11-27

---

[21] **3,006,382**
[13] A1
[51] **Int.Cl. B23P 15/00 (2006.01) B23P 23/00 (2006.01) H02K 15/00 (2006.01) H02K 15/02 (2006.01) B23K 20/12 (2006.01) H01F 41/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A LAMINATION PACK FORMED BY LAMINATIONS ARRANGED ON TOP OF ONE ANOTHER, AND DEVICE FOR CARRYING OUT A METHOD OF THIS TYPE**
[54] **PROCEDE DE FABRICATION D'UN PAQUET DE LAMELLES CONSTITUE DE LAMELLES SITUEES LES UNES SUR LES AUTRES ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE UN PROCEDE DE CE TYPE**
[72] BJORN, BOKER, DE
[71] KIENLE + SPIESS GMBH, DE
[85] 2018-05-25
[86] 2016-11-30 (PCT/EP2016/002019)
[87] (WO2017/092866)
[30] DE (10 2015 015 762.0) 2015-12-01

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[21] **3,006,383**
[13] A1
[51] **Int.Cl. G06N 7/06 (2006.01) G06N 99/00 (2010.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AIDING DECISION**
[54] **SYSTEME ET PROCEDE D'AIDE A LA DECISION**
[72] POUYLLAU, HELIA, FR
[71] THALES, FR
[85] 2018-05-25
[86] 2016-11-24 (PCT/EP2016/078634)
[87] (WO2017/089443)
[30] FR (15/02483) 2015-11-27

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[21] **3,006,384**
[13] A1
[51] **Int.Cl. B64D 1/22 (2006.01)**
[25] FR
[54] **HOOKING DEVICE FOR LIFTING LOADS COMPRISING A SECURE RATCHET**
[54] **DISPOSITIF D'ACCROCHAGE POUR LE LEVAGE DE CHARGES A CLIQUET SECURISE**
[72] AUTISSIER, CHRISTOPHE, FR
[72] MEYNIEL, GUILLAUME, FR
[71] INDRAERO-SIREN, FR
[85] 2018-05-25
[86] 2016-11-25 (PCT/FR2016/053091)
[87] (WO2017/089722)
[30] FR (1561493) 2015-11-27

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[21] **3,006,385**
[13] A1
[51] **Int.Cl. C10G 19/04 (2006.01) C09K 3/00 (2006.01) C09K 8/00 (2006.01) C10G 75/04 (2006.01) C23F 15/00 (2006.01) C23G 1/00 (2006.01)**
[25] EN
[54] **SYNTHETIC HYDROXIDE COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS D'HYDROXYDE SYNTHETIQUE ET LEURS UTILISATIONS**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] JAMIESON, ALEXANDER DAVID, CA
[71] FLUID ENERGY GROUP LTD., CA
[85] 2018-05-25
[86] 2016-12-07 (PCT/CA2016/000306)
[87] (WO2017/096459)
[30] CA (2,914,073) 2015-12-07

[21] **3,006,386**
[13] A1
[51] **Int.Cl. B29C 37/00 (2006.01) B29B 13/00 (2006.01) B29C 43/00 (2006.01) B29C 43/02 (2006.01) B29C 43/50 (2006.01) B29C 67/02 (2017.01) B29C 67/20 (2006.01) C09J 9/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING TACK-FREE HOTMELT MATERIAL AND DEVICE FOR PRODUCING THE SAME**
[54] **PROCEDE DE PRODUCTION DE MATERIAU THERMOFUSIBLE NON COLLANT ET DISPOSITIF POUR SA PRODUCTION**
[72] BENBANASTE, VIKTOR, TR
[72] OZTURK, FILIZ, TR
[72] CALIK, OGUZHAN, TR
[72] ALPER ER, MAHMUT, TR
[71] ORGANIK KIMYA SANAYI VE TIC. A.S., TR
[85] 2018-05-25
[86] 2016-12-09 (PCT/EP2016/002080)
[87] (WO2017/102071)
[30] EP (15003567.3) 2015-12-15

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[21] **3,006,387**
[13] A1
[51] **Int.Cl. B66B 7/02 (2006.01)**
[25] EN
[54] **ELEVATOR GUIDE RAIL ATTACHMENT CLIP**
[54] **PINCE DE FIXATION DE RAIL DE GUIDAGE D'ASCENSEUR**
[72] KALYNYTSCHENKO, EDUARDO, BR
[71] INVENTIO AG, CH
[85] 2018-05-25
[86] 2016-12-13 (PCT/EP2016/080736)
[87] (WO2017/108495)
[30] EP (15202145.7) 2015-12-22

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[21] **3,006,388**
[13] A1
[51] **Int.Cl. C07K 14/50 (2006.01)**
[25] EN
[54] **THERMOSTABLE FGF2 POLYPEPTIDE, USE THEREOF**
[54] **POLYPEPTIDE DU FGF2 THERMOSTABLE ET SON UTILISATION**
[72] DVORAK, PETR, CZ
[72] KREJCI, PAVEL, CZ
[72] BALEK, LUKAS, CZ
[72] EISELLEOVA, LIVIA, SK
[72] KONECNA, ZANETA, CZ
[72] DVORAK, PAVEL, CZ
[72] BEDNAR, DAVID, CZ
[72] BREZOVSKY, JAN, CZ
[72] SEBESTOVA, EVA, CZ
[72] CHALOUPKOVA, RADKA, CZ
[72] STEPANKOVA, VERONIKA, CZ
[72] VANACEK, PAVEL, CZ
[72] PROKOP, ZBYNEK, CZ
[72] DAMBORSKY, JIRI, CZ
[72] BOSAKOVA, MICHAELA, CZ
[71] MASARYKOVA UNIVERZITA, CZ
[71] ENANTIS S.R.O., CZ
[85] 2018-05-25
[86] 2016-10-03 (PCT/EP2016/073567)
[87] (WO2017/089016)
[30] EP (15196802.1) 2015-11-27

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[21] **3,006,389**
[13] A1
[51] **Int.Cl. H01P 7/10 (2006.01)**
[25] EN
[54] **DIELECTRIC RESONATOR AND FILTER**
[54] **RESONATEUR DIELECTRIQUE ET FILTRE**
[72] QIU, LIXIA, CN
[72] ZHANG, XIAOFENG, CN
[72] LIU, ZHIYU, CN
[72] SHEN, ZHEN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-05-25
[86] 2015-11-28 (PCT/CN2015/095889)
[87] (WO2017/088195)

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[21] **3,006,390**
[13] A1
[51] **Int.Cl. G01N 33/74 (2006.01)**
[25] EN
[54] **MR-PROADM AS MARKER FOR THE EXTRACELLULAR VOLUME STATUS OF A SUBJECT**
[54] **MR-PROADM UTILISE COMME MARQUEUR POUR L'ETAT DE VOLUME EXTRACELLULAIRE D'UN SUJET**
[72] VIGUE, BERNARD, FR
[72] RAFI-NIKOUKHAH, HOMA, FR
[71] B.R.A.H.M.S GMBH, DE
[85] 2018-05-25
[86] 2016-11-24 (PCT/EP2016/078702)
[87] (WO2017/089474)
[30] EP (15196754.4) 2015-11-27

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[21] **3,006,392**
[13] A1
[51] **Int.Cl. A47L 13/58 (2006.01)**
[25] EN
[54] **WRINGER DEVICE FOR A MOPPING UNIT**
[54] **DISPOSITIF D'ESSORAGE POUR APPAREIL D'ESSUYAGE**
[72] DINGERT, UWE, DE
[72] WEIS, NORBERT, DE
[71] CARL FREUDENBERG KG, DE
[85] 2018-05-25
[86] 2016-10-13 (PCT/EP2016/074564)
[87] (WO2017/102133)
[30] DE (10 2015 016 414.7) 2015-12-18

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[21] **3,006,393**
[13] A1
[51] **Int.Cl. F21V 19/00 (2006.01) F21V 29/503 (2015.01)**
[25] EN
[54] **LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE**
[72] ENGELMANN, CHRISTIAN, DE
[71] ENGELMANN, CHRISTIAN, DE
[85] 2018-05-25
[86] 2016-11-25 (PCT/EP2016/078872)
[87] (WO2017/089578)
[30] DE (10 2015 120 490.8) 2015-11-26

[21] **3,006,394**
[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) H04W 24/00 (2009.01)**
[25] EN
[54] **STATUS DETECTION METHOD AND WIRELESS NETWORK NODE**
[54] **PROCEDE DE DETECTION D'ETAT ET N□UD DE RESEAU SANS FIL**
[72] XUE, WAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-05-25
[86] 2016-11-25 (PCT/CN2016/107256)
[87] (WO2017/088815)
[30] CN (201510847561.X) 2015-11-27

---

[21] **3,006,397**
[13] A1
[51] **Int.Cl. G01C 17/32 (2006.01) H04M 1/725 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INDICATING DIRECTION**
[54] **PROCEDE ET APPAREIL POUR INDIQUER UNE DIRECTION**
[72] SUN, RUI, CN
[72] ZHANG, TENG, CN
[72] PAN, YI, CN
[72] YANG, RENZHI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-05-25
[86] 2015-11-26 (PCT/CN2015/095696)
[87] (WO2017/088149)

---

[21] **3,006,398**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **POLYPEPTIDES INHIBITING CD40L**
[54] **POLYPEPTIDES INHIBANT LE LIGAND CD40L**
[72] PATTYN, ELS, BE
[72] SOMPEL, ARIELLA VAN DE, BE
[72] MEERTS, PETER, BE
[72] BUYSE, MARIE-ANGE, BE
[72] DEWILDE, MAARTEN, BE
[72] BESTE, GERALD, BE
[72] VLACH, JAROMIR, US
[72] HSU, JONATHAN, US
[71] ABLYNX NV, BE
[85] 2018-05-25
[86] 2016-11-28 (PCT/EP2016/079048)
[87] (WO2017/089618)
[30] US (62/260,411) 2015-11-27
[30] US (62/345,967) 2016-06-06

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[21] **3,006,399**
[13] A1
[51] **Int.Cl. B60H 1/32 (2006.01) B61C 17/00 (2006.01) B61C 17/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COOLING AND HEATING IN A VEHICLE**
[54] **PROCEDE ET APPAREIL DE REFROIDISSEMENT ET DE CHAUFFAGE DANS UN VEHICULE**
[72] GOTMALM, CHRISTER, CA
[71] CANADIAN ENVIRONMENTAL TECHNOLOGIES INC., BS
[85] 2018-05-25
[86] 2016-11-24 (PCT/CA2016/051377)
[87] (WO2017/088056)
[30] CA (2,913,473) 2015-11-27

---

[21] **3,006,400**
[13] A1
[51] **Int.Cl. C12N 9/10 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01) C12N 1/21 (2006.01) C12P 19/04 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING GLYCOSYLATED PROTEINS**
[54] **PROCEDES DE PRODUCTION DE PROTEINES GLYCOSYLEES**
[72] WETTER, MICHAEL L., CH
[72] KOWARIK, MICHAEL T., CH
[72] FARIDMOAYER, AMIRREZA, CH
[72] MALLY, MANUELA, CH
[72] LIZAK, CHRISTIAN A., CH
[72] AEBI, MARKUS, CH
[72] LIN, CHIA-WEI, CH
[72] HANG, IVAN, CH
[72] KEYS, TIMOTHY, CH
[71] LIMMATECH BIOLOGICS AG, CH
[71] EIDGENOSSISCHE TECHNISCHE HOCHSCHULE ZURICH, CH
[85] 2018-05-25
[86] 2016-11-30 (PCT/EP2016/079232)
[87] (WO2017/093291)
[30] US (62/260,725) 2015-11-30
[30] US (62/416,853) 2016-11-03

---

[21] **3,006,401**
[13] A1
[51] **Int.Cl. C10L 5/44 (2006.01)**
[25] EN
[54] **BIOMASS BASED FUEL CONFIGURED TO REDUCE A CHEMICAL AND/OR MECHANICAL EFFECT OF FLUE GAS ON HEAT TRANSFER SURFACES AND A METHOD FOR MAKING THE SAME**
[54] **COMBUSTIBLE A BASE DE BIOMASSE CONCU POUR REDUIRE UN EFFET CHIMIQUE ET/OU MECANIQUE DE GAZ DE FUMEES SUR DES SURFACES DE TRANSFERT DE CHALEUR ET SON PROCEDE DE FABRICATION**
[72] JORONEN, TERO, FI
[71] VALMET TECHNOLOGIES OY, FI
[85] 2018-05-25
[86] 2016-11-10 (PCT/FI2016/050792)
[87] (WO2017/089648)
[30] FI (20155876) 2015-11-26

[21] **3,006,402**
[13] A1
[51] **Int.Cl. B66F 11/04 (2006.01) B66F 17/00 (2006.01)**
[25] FR
[54] **AERIAL LIFT BASKET**
[54] **NACELLE ELEVATRICE**
[72] BONNEFOY, NICOLAS, FR
[72] DITTUS, SEBASTIAN, FR
[71] HAULOTTE GROUP, FR
[85] 2018-05-24
[86] 2016-12-16 (PCT/EP2016/081415)
[87] (WO2017/103099)
[30] FR (1562761) 2015-12-18

---

[21] **3,006,403**
[13] A1
[51] **Int.Cl. C07K 14/32 (2006.01) C12N 9/02 (2006.01) C12N 9/90 (2006.01)**
[25] EN
[54] **NEW PEPTIDES HAVING ANTIMICROBIAL ACTIVITY AND NEW ENZYME CAPABLE OF CONVERTING L-CONFIGURED RESIDUE IN D-CONFIGURED AMINO ACID IN A PEPTIDE**
[54] **NOUVEAUX PEPTIDES PRESENTANT UNE ACTIVITE ANTIMICROBIENNE ET NOUVELLE ENZYME APTE A CONVERTIR UN RESIDU A CONFIGURATION L EN ACIDE AMINE A CONFIGURATION D DANS UN PEPTIDE**
[72] BENJDIA, ALHOSNA, FR
[72] GUILLOT, ALAIN, FR
[72] BERTEAU, OLIVIER, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA), FR
[85] 2018-05-25
[86] 2016-12-01 (PCT/EP2016/079362)
[87] (WO2017/093366)
[30] EP (EP15306909.1) 2015-12-02
[30] EP (EP16183955.0) 2016-08-12

---

[21] **3,006,405**
[13] A1
[51] **Int.Cl. B32B 15/01 (2006.01) C21D 6/00 (2006.01) C21D 8/02 (2006.01) C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/08 (2006.01) C22C 38/12 (2006.01) C22C 38/14 (2006.01) C22C 38/16 (2006.01) C22C 38/20 (2006.01) C22C 38/22 (2006.01) C22C 38/24 (2006.01) C22C 38/26 (2006.01) C22C 38/28 (2006.01) C22C 38/32 (2006.01) C22C 38/38 (2006.01) C22C 38/42 (2006.01) C22C 38/44 (2006.01) C22C 38/46 (2006.01) C22C 38/50 (2006.01) C22C 38/54 (2006.01) C22C 38/58 (2006.01) C23C 2/40 (2006.01)**
[25] EN
[54] **HIGH STRENGTH HOT DIP GALVANISED STEEL STRIP**
[54] **BANDE D'ACIER GALVANISE A CHAUD AU TREMPE HAUTE RESISTANCE**
[72] VAN KREVEL, JOOST WILLEM HENDRIK, NL
[72] IONESCU, CORNELIA, NL
[71] TATA STEEL IJMUIDEN B.V., NL
[85] 2018-05-25
[86] 2016-12-15 (PCT/EP2016/081254)
[87] (WO2017/102982)
[30] EP (EP15200241.6) 2015-12-15
[30] EP (EP15200828.0) 2015-12-17

---

[21] **3,006,406**
[13] A1
[51] **Int.Cl. F24D 10/00 (2006.01)**
[25] EN
[54] **A THERMAL SERVER PLANT AND A METHOD FOR CONTROLLING THE SAME**
[54] **INSTALLATION DE SERVEUR THERMIQUE ET PROCEDE DE COMMANDE DE CELLE-CI**
[72] ROSEN, PER, SE
[71] E.ON SVERIGE AB, SE
[85] 2018-05-25
[86] 2016-12-15 (PCT/EP2016/081137)
[87] (WO2017/108561)
[30] EP (15201659.8) 2015-12-21

---

[21] **3,006,407**
[13] A1
[51] **Int.Cl. G01D 5/14 (2006.01) G01D 5/245 (2006.01) G01D 5/249 (2006.01)**
[25] EN
[54] **ABSOLUTE ROTARY ENCODER**
[54] **CODEUR ROTATIF ABSOLU**
[72] LIU, JINDONG, GB
[72] YANG, GUANG-ZHONG, GB
[71] IMPERIAL INNOVATIONS LIMITED, GB
[85] 2018-05-25
[86] 2015-11-27 (PCT/GB2015/053621)
[87] (WO2016/083825)
[30] GB (1421196.5) 2014-11-28

---

[21] **3,006,408**
[13] A1
[51] **Int.Cl. E21B 29/00 (2006.01)**
[25] EN
[54] **DOWNHOLE WIRELINE MACHINING TOOL STRING**
[54] **TRAIN D'OUTILS D'USINAGE AU CABLE DE FOND DE TROU**
[72] KRUGER, CHRISTIAN, DK
[72] JENSEN, SVEN KARSTEN, DK
[71] WELLTEC A/S, DK
[85] 2018-05-25
[86] 2016-12-07 (PCT/EP2016/080068)
[87] (WO2017/097832)
[30] EP (15198341.8) 2015-12-08
[30] EP (16178500.1) 2016-07-07

---

[21] **3,006,409**
[13] A1
[51] **Int.Cl. B66B 5/00 (2006.01) B66B 13/22 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING A SAFETY CIRCUIT OF A LIFT SYSTEM AND MONITORING DEVICE FOR A SAFETY CIRCUIT OF A LIFT SYSTEM**
[54] **PROCEDE DE CONTROLE D'UN CIRCUIT DE SECURITE D'UNE INSTALLATION D'ASCENSEUR ET DISPOSITIF DE CONTROLE POUR UN CIRCUIT DE SECURITE D'UNE INSTALLATION D'ASCENSEUR**
[72] ZIMMERLI, PHILIPP, CH
[71] INVENTIO AG, CH
[85] 2018-05-25
[86] 2016-12-16 (PCT/EP2016/081333)
[87] (WO2017/103039)
[30] EP (15200893.4) 2015-12-17

[21] **3,006,410**
[13] A1
[51] **Int.Cl. G01D 5/353 (2006.01) B61L 25/02 (2006.01) B61L 27/00 (2006.01)**
[25] EN
[54] **TRACKING USING DISTRIBUTED FIBRE OPTIC SENSING**
[54] **POURSUITE AU MOYEN D'UNE DETECTION PAR FIBRE OPTIQUE DISTRIBUEE**
[72] KELLEY, JOHN, GB
[72] LEWIS, ANDREW, GB
[71] OPTASENSE HOLDINGS LIMITED, GB
[85] 2018-05-25
[86] 2016-11-25 (PCT/GB2016/053720)
[87] (WO2017/093715)
[30] GB (1521116.2) 2015-11-30

---

[21] **3,006,411**
[13] A1
[51] **Int.Cl. B66B 19/00 (2006.01) B66B 11/00 (2006.01)**
[25] EN
[54] **ELEVATOR SYSTEM HAVING A RESERVOIR FOR TRACTION MEDIUM**
[54] **SYSTEME D'ASCENSEUR DOTE D'UN RESERVOIR POUR UN MOYEN DE TRACTION**
[72] CHRISTEN, LUKAS, CH
[72] WEBER, STEFAN, CH
[71] INVENTIO AG, CH
[85] 2018-05-25
[86] 2016-12-21 (PCT/EP2016/082234)
[87] (WO2017/108988)
[30] EP (15202059.0) 2015-12-22

---

[21] **3,006,413**
[13] A1
[51] **Int.Cl. A61K 31/4745 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CPAP-TUBULIN MODULE**
[54] **MODULE DE TUBULINE CPAP**
[72] HADIAN, KAMYAR, DE
[72] SCHORPP, KARL KENJI, DE
[72] SATTLER, MICHAEL, DE
[72] KOMAL, SONI, DE
[72] GOPALAKRISHNAN, JAY, DE
[71] UNIVERSITAT ZU KOLN, DE
[71] HELMHOLTZ ZENTRUM MUNCHEN, DE
[85] 2018-05-25
[86] 2016-12-08 (PCT/EP2016/080316)
[87] (WO2017/097928)
[30] EP (15198526.4) 2015-12-08

---

[21] **3,006,414**
[13] A1
[51] **Int.Cl. G01N 33/569 (2006.01)**
[25] EN
[54] **METHOD TO DETECT BACTERIAL ACTIVITY IN A BIOLOGICAL SAMPLE AND CORRESPONDING DETECTION UNIT**
[54] **PROCEDE POUR DETECTER UNE ACTIVITE BACTERIENNE DANS UN ECHANTILLON BIOLOGIQUE ET UNITE DE DETECTION CORRESPONDANTE**
[72] GALIANO, PAOLO, IT
[71] ALIFAX S.R.L., IT
[85] 2018-05-24
[86] 2016-11-28 (PCT/IB2016/057162)
[87] (WO2017/090015)
[30] IT (102015000077866) 2015-11-27

---

[21] **3,006,415**
[13] A1
[51] **Int.Cl. C07K 16/06 (2006.01) C07K 16/34 (2006.01)**
[25] EN
[54] **PURIFICATION METHOD**
[54] **PROCEDE DE PURIFICATION**
[72] ROBB, JANINE SCOTT, GB
[72] RENAULT, NEIL, GB
[72] ROBB, ANDREW GORDON, GB
[72] ROBSON, DAVID COOPER, GB
[71] QBD (QS-IP) LIMITED, GB
[71] ROBB, JANINE SCOTT, GB
[85] 2018-05-25
[86] 2016-11-25 (PCT/GB2016/053721)
[87] (WO2017/089827)
[30] GB (1520903.4) 2015-11-26

---

[21] **3,006,416**
[13] A1
[51] **Int.Cl. A01J 5/017 (2006.01)**
[25] EN
[54] **MILKING ROBOT WITH CYLINDER SYSTEM**
[54] **ROBOT DE TRAITE AVEC SYSTEME DE CYLINDRE**
[72] BREVET, MICHIEL, NL
[72] KRAAIJ, DIRK, NL
[72] MOSTERT, GERARD, NL
[71] LELY PATENT N.V., NL
[85] 2018-05-25
[86] 2016-11-25 (PCT/NL2016/050828)
[87] (WO2017/095222)
[30] NL (2015908) 2015-12-04

---

[21] **3,006,417**
[13] A1
[51] **Int.Cl. A01J 5/007 (2006.01) A01J 5/08 (2006.01)**
[25] EN
[54] **MILKING SYSTEM WITH SPARE PART MANAGEMENT**
[54] **SYSTEME DE TRAITE AVEC GESTION DE PIECES DETACHEES**
[72] THEELEN, ANTOON PETER ANDRE, NL
[71] LELY PATENT N.V., NL
[85] 2018-05-25
[86] 2016-11-28 (PCT/NL2016/050834)
[87] (WO2017/099584)
[30] NL (2015945) 2015-12-11

---

[21] **3,006,418**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/55 (2013.01)**
[25] EN
[54] **MONITORING TRAFFIC IN A COMPUTER NETWORK**
[54] **SURVEILLANCE DU TRAFIC DANS UN RESEAU INFORMATIQUE**
[72] KAPLAN HAELION, EREZ, IL
[71] CYBER 2.0 (2015) LTD., IL
[85] 2018-05-25
[86] 2016-12-26 (PCT/IL2016/051381)
[87] (WO2017/115356)
[30] US (62/273,530) 2015-12-31

---

[21] **3,006,419**
[13] A1
[51] **Int.Cl. A61K 31/4439 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) C12N 15/11 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **TREATMENT OF CANCER WITH A PI3K INHIBITOR IN A PATIENT PRESELECTED FOR HAVING A PIK3CA MUTATION IN THE CTDNA**
[54] **TRAITEMENT DU CANCER AVEC UN INHIBITEUR DE PI3K CHEZ UN PATIENT PRESELECTIONNE COMME AYANT UNE MUTATION DE PIK3CA DANS L'ADNTC**
[72] DI TOMASO, EMMANUELLE, US
[71] NOVARTIS AG, CH
[85] 2018-05-25
[86] 2016-11-30 (PCT/IB2016/057208)
[87] (WO2017/093905)
[30] US (62/262,620) 2015-12-03

[21] **3,006,420**
[13] A1
[51] **Int.Cl. F16B 5/00 (2006.01) A47B 96/20 (2006.01) F16B 12/26 (2006.01) F16S 1/02 (2006.01) A47B 47/04 (2006.01) E04F 13/26 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **PANELS COMPRISING A MECHANICAL LOCKING DEVICE AND AN ASSEMBLED PRODUCT COMPRISING THE PANELS**
[54] **PANNEAUX COMPRENANT UN DISPOSITIF DE VERROUILLAGE MECANIQUE ET PRODUIT ASSEMBLE COMPORTANT LES PANNEAUX**
[72] DERELOV, PETER, SE
[71] VALINGE INNOVATION AB, SE
[85] 2018-05-25
[86] 2016-12-01 (PCT/SE2016/051197)
[87] (WO2017/095314)
[30] SE (1551591-9) 2015-12-03

[21] **3,006,421**
[13] A1
[51] **Int.Cl. G01S 13/90 (2006.01)**
[25] EN
[54] **SYNTHETIC APERTURE RADAR**
[54] **RADAR A OUVERTURE SYNTHETIQUE**
[72] OISHI, NOBORU, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-05-25
[86] 2015-12-14 (PCT/JP2015/084923)
[87] (WO2017/103973)

[21] **3,006,422**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **AUTONOMOUS DOWNHOLE FLOW CONTROL VALVE FOR WELL PRESSURE CONTROL**
[54] **VANNE DE REGULATION DE DEBIT DE FOND DE TROU AUTONOME POUR CONTROLE DE PRESSION DE PUITS**
[72] GREEN, ANNABEL, GB
[72] HUNTER, JOHN, GB
[72] FROST, CLINT, GB
[71] SWELLFIX UK LIMITED, GB
[85] 2018-05-25
[86] 2016-11-28 (PCT/GB2016/053730)
[87] (WO2017/089834)
[30] GB (1521012.3) 2015-11-27
[30] GB (1609093.8) 2016-05-24

[21] **3,006,423**
[13] A1
[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/13 (2006.01) C08K 5/1545 (2006.01) H01B 3/30 (2006.01) H01B 3/44 (2006.01) H01B 7/18 (2006.01)**
[25] EN
[54] **STABILIZED MOISTURE-CURABLE POLYMERIC COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES STABILISEES DURCISSABLES A L'HUMIDITE**
[72] LI, DACHAO, US
[72] DRAZBA, JESSICA D., US
[72] TALREJA, MANISH, US
[72] COGEN, JEFFREY M., US
[72] PERSON, TIMOTHY J., US
[72] CARONIA, PAUL J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-05-25
[86] 2016-11-01 (PCT/US2016/059872)
[87] (WO2017/095571)
[30] US (62/260,662) 2015-11-30

[21] **3,006,424**
[13] A1
[51] **Int.Cl. B01D 46/32 (2006.01)**
[25] EN
[54] **PAINTING BOOTH WITH OVERSPRAY REMOVAL SYSTEM, METHOD FOR REMOVING THE OVERSPRAY, AND PLANT**
[54] **CABINE DE PEINTURE A SYSTEME D'ELIMINATION D'EXCES DE PROJECTION, PROCEDE POUR L'ELIMINATION DE L'EXCES DE PROJECTION ET INSTALLATION**
[72] IGLIO, VALERIO, IT
[72] DI LUCREZIA, ALESSANDRO, IT
[71] GEICO SPA, IT
[85] 2018-05-25
[86] 2016-11-28 (PCT/IB2016/057150)
[87] (WO2017/093874)
[30] IT (102015000079570) 2015-12-02

[21] **3,006,425**
[13] A1
[51] **Int.Cl. B29C 43/20 (2006.01) B29C 43/12 (2006.01) B29C 43/58 (2006.01)**
[25] EN
[54] **METHOD FOR MOLDING COMPOSITE MATERIAL, JIG FOR MOLDING COMPOSITE MATERIAL, AND COMPOSITE MATERIAL**
[54] **PROCEDE DE MOULAGE DE MATERIAU COMPOSITE, GABARIT DE MOULAGE DE MATERIAU COMPOSITE ET MATERIAU COMPOSITE**
[72] SHIMONO, KODAI, JP
[72] TOKUTOMI, HIROSHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2018-05-25
[86] 2016-11-02 (PCT/JP2016/082671)
[87] (WO2017/126189)
[30] JP (2016-010911) 2016-01-22

[21] **3,006,426**
[13] A1
[51] **Int.Cl. H01M 4/88 (2006.01) H01M 4/96 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **CARBON SHEET, GAS DIFFUSION ELECTRODE SUBSTRATE, AND FUEL CELL**
[54] **FEUILLE DE CARBONE, MATERIAU DE BASE D'ELECTRODE A DIFFUSION GAZEUSE, ET PILE A COMBUSTIBLE**
[72] SODE, KATSUYA, JP
[72] CHIDA, TAKASHI, JP
[72] SUGAHARA, TORU, JP
[72] WAKATABE, MICHIO, JP
[72] HASHIMOTO, MASARU, JP
[72] SUNAHARA, TETSUYA, JP
[72] UMEZAKI, YUYA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-05-25
[86] 2016-12-08 (PCT/JP2016/086580)
[87] (WO2017/099181)
[30] JP (2015-241897) 2015-12-11
[30] JP (2015-241898) 2015-12-11

[21] **3,006,427**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61N 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MAPPING FUNCTIONAL NERVES INNERVATING WALL OF ARTERIES,3-D MAPPING AND CATHETERS FOR SAME**
[54] **SYSTEME ET PROCEDE DE CARTOGRAPHIE DES NERFS FONCTIONNELS INNERVANT LA PAROI D'ARTERES, CARTOGRAPHIE EN 3D ET CATHETERS CORRESPONDANTS**
[72] WANG, JIE, US
[71] SYMAP MEDICAL (SUZHOU), LTD, CN
[85] 2018-05-25
[86] 2016-12-01 (PCT/IB2016/057258)
[87] (WO2017/093926)
[30] US (14/956,350) 2015-12-01

---

[21] **3,006,429**
[13] A1
[51] **Int.Cl. G01H 9/00 (2006.01) B61L 1/16 (2006.01) B61L 25/02 (2006.01)**
[25] EN
[54] **DISTRIBUTED FIBRE OPTIC SENSING FOR MONITORING RAIL NETWORKS**
[54] **DETECTION DISTRIBUEE PAR FIBRES OPTIQUES POUR SURVEILLER DES RESEAUX FERROVIAIRES**
[72] COLE, STEPHEN PATRICK, US
[71] OPTASENSE INC., US
[85] 2018-05-25
[86] 2016-12-01 (PCT/GB2016/053783)
[87] (WO2017/093741)
[30] US (62/261,490) 2015-12-01

---

[21] **3,006,430**
[13] A1
[51] **Int.Cl. C23F 11/18 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **DECREASING CORROSION ON METAL SURFACES WITH APATITE FORMING COMPONENTS**
[54] **REDUCTION DE CORROSION SUR DES SURFACES METALLIQUES PAR DES CONSTITUANTS DE FORMATION D'APATITE**
[72] LIU, ZHENGWEI, US
[72] JACKSON, TRACEY, US
[72] MARTIN, RICHARD, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-05-25
[86] 2016-11-18 (PCT/US2016/062809)
[87] (WO2017/095663)
[30] US (62/260,861) 2015-11-30
[30] US (15/354,578) 2016-11-17

---

[21] **3,006,431**
[13] A1
[51] **Int.Cl. A61K 33/24 (2006.01)**
[25] EN
[54] **PLATINUM ANTICANCER AGENTS**
[54] **AGENTS ANTICANCEREUX A BASE DE PLATINE**
[72] GIACOMINI, KATHLEEN M., US
[72] MORE, SWATI, US
[72] YEE, SOOK WAH, US
[72] GEIER, ETHAN, US
[72] WILSON, JUSTIN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] CORNELL UNIVERSITY, US
[85] 2018-05-25
[86] 2016-11-22 (PCT/US2016/063408)
[87] (WO2017/091616)
[30] US (62/259,842) 2015-11-25

---

[21] **3,006,432**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMMUNOONCOLOGY**
[54] **COMPOSITIONS ET PROCEDES D'IMMUNO-ONCOLOGIE**
[72] CHEN, MING-WEI, US
[72] DECK, MELISSA, US
[72] DRANOFF, GLENN, US
[72] MICKANIN, CRAIG, US
[72] LESCARBEAU, REYNALD, US
[72] RICHARDSON, CELESTE, US
[72] STEWART, MORAG, US
[72] YANG, YI, US
[71] NOVARTIS AG, CH
[71] INTELLIA THERAPEUTICS, INC., US
[85] 2018-05-25
[86] 2016-12-02 (PCT/IB2016/057318)
[87] (WO2017/093969)
[30] US (62/263,169) 2015-12-04
[30] US (62/316,784) 2016-04-01
[30] US (62/394,290) 2016-09-14

---

[21] **3,006,433**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **AUTOINJECTOR WITH RETRACTING NEEDLE**
[54] **INJECTEUR AUTOMATIQUE A AIGUILLE RETRACTABLE**
[72] YOUNG, MATTHEW, GB
[71] OVAL MEDICAL TECHNOLOGIES LIMITED, GB
[85] 2018-05-25
[86] 2016-12-09 (PCT/GB2016/053904)
[87] (WO2017/098277)
[30] GB (1521883.7) 2015-12-11

[21] **3,006,434**
[13] A1
[51] **Int.Cl. C07D 207/04 (2006.01) A61K 31/40 (2006.01) A61K 31/404 (2006.01) A61K 31/407 (2006.01) A61K 31/416 (2006.01) A61K 31/4184 (2006.01) A61K 31/4196 (2006.01) A61K 31/424 (2006.01) A61K 31/428 (2006.01) A61K 31/437 (2006.01) A61K 31/438 (2006.01) A61K 31/439 (2006.01) A61K 31/4439 (2006.01) A61K 31/445 (2006.01) A61K 31/46 (2006.01) A61K 31/4995 (2006.01) A61K 31/538 (2006.01) A61P 35/00 (2006.01) C07D 207/14 (2006.01) C07D 211/58 (2006.01) C07D 401/10 (2006.01) C07D 403/10 (2006.01) C07D 405/10 (2006.01) C07D 413/10 (2006.01) C07D 417/10 (2006.01) C07D 451/00 (2006.01) C07D 451/04 (2006.01) C07D 471/08 (2006.01) C07D 471/10 (2006.01) C07D 487/08 (2006.01) C07D 487/10 (2006.01)**
[25] EN
[54] **NOVEL BIPHENYL COMPOUND OR SALT THEREOF**
[54] **NOUVEAU COMPOSE DE BIPHENYLE OU UN SEL DE CELUI-CI**
[72] YAMASHITA, SATOSHI, JP
[72] OGAWA, TAKAHIRO, JP
[72] KOMATANI, HIDEYA, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2018-05-25
[86] 2016-11-25 (PCT/JP2016/085067)
[87] (WO2017/090756)
[30] JP (2015-232009) 2015-11-27
[30] JP (2016-117454) 2016-06-13

---

[21] **3,006,435**
[13] A1
[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/467 (2006.01) C09K 8/92 (2006.01) E21B 43/27 (2006.01)**
[25] EN
[54] **HYDRAULIC FRACTURING WITH STRONG, LIGHTWEIGHT, LOW PROFILE DIVERTERS**
[54] **FRACTURATION HYDRAULIQUE AVEC DES DEFLECTEURS RESISTANTS, LEGERS ET PEU ENCOMBRANTS**
[72] SEWELL, FREDERIC D., US
[71] SEWELL, FREDERIC D., US
[85] 2018-05-25
[86] 2016-11-21 (PCT/US2016/063057)
[87] (WO2017/091499)
[30] US (62/259,681) 2015-11-25
[30] US (15/356,656) 2016-11-20

---

[21] **3,006,436**
[13] A1
[51] **Int.Cl. B29C 70/34 (2006.01)**
[25] EN
[54] **IMPREGNATED VEILS**
[54] **VOILES IMPREGNES**
[72] INGRAM, JOHN, CA
[72] MCNULTY, DANIEL, CA
[72] MOORE, HENRY, CA
[72] TRUDEAU, PAUL, CA
[72] CALDER, DAVID, CA
[71] MAGNA EXTERIORS INC., CA
[85] 2018-05-25
[86] 2016-12-14 (PCT/IB2016/057632)
[87] (WO2017/103823)
[30] US (62/266,987) 2015-12-14

---

[21] **3,006,437**
[13] A1
[51] **Int.Cl. A45D 2/10 (2006.01) A45D 2/14 (2006.01) A45D 4/18 (2006.01)**
[25] EN
[54] **APPARATUS FOR CURLING HAIR**
[54] **APPAREIL PERMETTANT DE BOUCLER LES CHEVEUX**
[72] SUNDERLAND, GARY, GB
[71] THE HOUSE OF CURLS LTD, GB
[85] 2018-05-25
[86] 2016-12-12 (PCT/GB2016/053917)
[87] (WO2017/098282)
[30] GB (1521906.6) 2015-12-11

---

[21] **3,006,438**
[13] A1
[51] **Int.Cl. H01Q 5/25 (2015.01) H01Q 1/22 (2006.01) H01Q 1/24 (2006.01) H01Q 1/36 (2006.01) H01Q 1/38 (2006.01) H01Q 9/40 (2006.01) H01Q 9/42 (2006.01)**
[25] EN
[54] **FOLDED UWB MONOPOLE ANTENNA FOR BODY MOUNTED TRANSMITTER AND MANUFACTURING METHOD**
[54] **ANTENNE MONOPOLE PLIEE ULB POUR EMETTEUR MONTE SUR LE CORPS ET PROCEDE DE FABRICATION**
[72] FARKAS, ALEXANDER T., US
[71] ISOLYNX, LLC, US
[85] 2018-05-25
[86] 2016-11-23 (PCT/US2016/063664)
[87] (WO2017/095711)
[30] US (62/261,635) 2015-12-01

---

[21] **3,006,439**
[13] A1
[51] **Int.Cl. B01D 15/36 (2006.01) B01J 41/05 (2017.01) C07C 53/122 (2006.01) C12P 7/52 (2006.01)**
[25] EN
[54] **CHROMATOGRAPHIC SEPARATION OF PROPIONIC ACID USING STRONG BASE ANION EXCHANGE RESIN**
[54] **SEPARATION CHROMATOGRAPHIQUE D'ACIDE PROPIONIQUE A L'AIDE DE RESINE ECHANGEUSE D'ANIONS A BASE FORTE**
[72] PEASE, STEPHEN, US
[72] GISCH, DARYL J., US
[72] MARTIN, COLLIN H., US
[72] MARTINS, BIANCA F., BR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2018-05-25
[86] 2016-11-22 (PCT/US2016/063214)
[87] (WO2017/095685)
[30] US (62/261,351) 2015-12-01

---

[21] **3,006,440**
[13] A1
[51] **Int.Cl. A44C 9/02 (2006.01)**
[25] EN
[54] **ORNAMENTAL RING FOR FINGERS**
[54] **BAGUE DECORATIVE POUR DOIGTS**
[72] ZULUAGA ESCOBAR, ANDRES MAURICIO, IT
[71] BORSARI GIAMPIERO, IT
[71] MANOJ JAIN, AE
[85] 2018-05-25
[86] 2017-03-24 (PCT/IB2017/051721)
[87] (WO2017/163225)
[30] IT (UA2016A002012) 2016-03-24

[21] **3,006,441**
[13] A1
[51] **Int.Cl. A45D 40/06 (2006.01) A45D 40/08 (2006.01)**
[25] FR
[54] **COSMETIC ARTICLE COMPRISING A MESH**
[54] **ARTICLE DE COSMETIQUE COMPRENANT UNE GRILLE**
[72] CASTEX, NICOLAS, FR
[71] CHANEL PARFUMS BEAUTE, FR
[85] 2018-05-25
[86] 2017-01-30 (PCT/FR2017/050208)
[87] (WO2017/129928)
[30] FR (1650761) 2016-01-29

---

[21] **3,006,442**
[13] A1
[51] **Int.Cl. B60Q 1/05 (2006.01) E04H 12/18 (2006.01) F16B 7/10 (2006.01) F16B 7/14 (2006.01) F21V 21/22 (2006.01) H01Q 1/10 (2006.01) H01Q 1/12 (2006.01)**
[25] EN
[54] **LATCH FOR SEQUENTIALLY EXTENDED MECHANICAL MAST**
[54] **LOQUET POUR MAT MECANIQUE A EXTENSION SEQUENTIELLE**
[72] WASSON, ANDREW PAUL, US
[72] JACOBS, DOUGLAS ANTHONY, US
[71] THE WILL-BURT COMPANY, US
[85] 2018-05-25
[86] 2016-11-22 (PCT/US2016/063223)
[87] (WO2017/131846)
[30] US (15/007,323) 2016-01-27

---

[21] **3,006,444**
[13] A1
[51] **Int.Cl. B62D 21/15 (2006.01) B62D 25/20 (2006.01)**
[25] EN
[54] **VEHICLE UNDERBODY STRUCTURE COMPRISING A TRANSVERSAL BEAM OF VARYING RESISTANCE TO PLASTIC DEFORMATION**
[54] **STRUCTURE DE SOUBASSEMENT DE CARROSSERIE DE VEHICULE COMPRENANT UNE POUTRE TRANSVERSALE DE RESISTANCE VARIABLE A LA DEFORMATION PLASTIQUE**
[72] VIAUX, IVAN, FR
[71] ARCELORMITTAL, LU
[85] 2018-05-25
[86] 2016-12-09 (PCT/EP2016/002079)
[87] (WO2017/097427)
[30] IB (PCT/IB2015/059485) 2015-12-09

---

[21] **3,006,446**
[13] A1
[51] **Int.Cl. A23J 3/08 (2006.01)**
[25] EN
[54] **HEAT STERILIZED HIGH PROTEIN COMPOSITIONS COMPRISING WHEY PROTEIN AND AT LEAST ONE COMPONENT SELECTED FROM (I) A SACCHARIDE, (II) A PHOSPHATE AND (III) A CITRATE**
[54] **COMPOSITIONS RICHES EN PROTEINES THERMOSTERILISEES COMPRENANT LA PROTEINE DU PETIT-LAIT ET AU MOINS UN ELEMENT CHOISI PARMI (I) UN SACCHARIDE, (II) UN PHOSPHATE ET (III) UN CITRATE**
[72] BRAUN, MARCEL, CH
[71] NESTEC S.A., CH
[85] 2018-05-25
[86] 2016-11-22 (PCT/EP2016/078394)
[87] (WO2017/102257)
[30] EP (15201370.2) 2015-12-18

---

[21] **3,006,447**
[13] A1
[51] **Int.Cl. G06Q 20/06 (2012.01) G06Q 20/28 (2012.01) G06Q 20/34 (2012.01) G06Q 20/36 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **PAYMENT DEVICE CONTROL**
[54] **COMMANDE DE DISPOSITIF DE PAIEMENT**
[72] VORA, NEERAJ A., AE
[72] KAPOOR, RAVI, AE
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-05-25
[86] 2016-11-22 (PCT/US2016/063281)
[87] (WO2017/091556)
[30] EP (15196877.3) 2015-11-27

---

[21] **3,006,448**
[13] A1
[51] **Int.Cl. A23J 3/08 (2006.01) A23J 3/34 (2006.01)**
[25] EN
[54] **HEAT STERILIZED HIGH PROTEIN COMPOSITIONS WITH HYDROLYZED PROTEIN FROM A CONTINUOUS PROCESS WITH AT LEAST ONE ENDOPEPTIDASE**
[54] **COMPOSITIONS THERMOSTERILISEES A HAUTE TENEUR EN PROTEINES CONTENANT UNE PROTEINE HYDROLYSEE ISSUE D'UN PROCESSUS CONTINU AVEC AU MOINS UNE ENDOPEPTIDASE**
[72] BRAUN, MARCEL, CH
[72] KREB, NICO, CH
[72] SVEJE, KRISTINE METTE, CH
[71] NESTEC S.A., CH
[85] 2018-05-25
[86] 2016-11-22 (PCT/EP2016/078396)
[87] (WO2017/102258)
[30] EP (15201364.5) 2015-12-18

---

[21] **3,006,449**
[13] A1
[51] **Int.Cl. E03C 1/22 (2006.01) E03B 1/04 (2006.01) E03C 1/12 (2006.01) E03C 1/23 (2006.01)**
[25] EN
[54] **MULTIPLE DRAINING SYSTEM FOR SINKS OR BASINS**
[54] **SYSTEME A EVACUATIONS MULTIPLES POUR EVIERS OU BASSINS**
[72] SODO, DIEGO, IT
[71] WATER POWERED S.R.L., IT
[85] 2018-05-25
[86] 2016-11-23 (PCT/IB2016/057053)
[87] (WO2017/089964)
[30] IT (102015000077422) 2015-11-26

[21] **3,006,450**
[13] A1
[51] **Int.Cl. A61B 8/00 (2006.01) A61B 8/14 (2006.01) H03B 1/00 (2006.01)**
[25] EN
[54] **MULTI-LEVEL PULSER AND RELATED APPARATUS AND METHODS**
[54] **GENERATEUR D'IMPULSIONS A NIVEAUX MULTIPLES, ET APPAREIL ET PROCEDES ASSOCIES**
[72] CHEN, KAILIANG, US
[72] RALSTON, TYLER S., US
[71] BUTTERFLY NETWORK, INC., US
[85] 2018-05-25
[86] 2016-12-01 (PCT/US2016/064421)
[87] (WO2017/096043)
[30] US (14/957,382) 2015-12-02
[30] US (14/957,398) 2015-12-02

---

[21] **3,006,451**
[13] A1
[51] **Int.Cl. A61M 19/00 (2006.01) A61F 7/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR NERVE BLOCK BY LOCAL COOLING TO ROOM TEMPERATURE**
[54] **DISPOSITIF ET METHODE DE BLOCAGE DE NERF PAR REFROIDISSEMENT LOCAL JUSQU'A TEMPERATURE AMBIANTE**
[72] TAI, CHANGFENG, US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2018-05-25
[86] 2016-12-01 (PCT/US2016/064364)
[87] (WO2017/096007)
[30] US (62/262,445) 2015-12-03

---

[21] **3,006,454**
[13] A1
[51] **Int.Cl. C09K 8/68 (2006.01) C08F 220/56 (2006.01) C09K 8/72 (2006.01) C09K 8/74 (2006.01) C09K 8/88 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE CROSSLINKED FRACTURING FLUIDS**
[54] **FLUIDES DE FRACTURATION RETICULES A HAUTE TEMPERATURE**
[72] LIANG, FENG, US
[72] REDDY, B. RAGHAVA, US
[72] LI, LEIMING, US
[72] AL-MUNTASHERI, GHAITHAN A., US
[71] SAUDI ARABIAN OIL COMAPNY, SA
[85] 2018-05-25
[86] 2016-12-01 (PCT/US2016/064446)
[87] (WO2017/096055)
[30] US (62/262,250) 2015-12-02

---

[21] **3,006,455**
[13] A1
[51] **Int.Cl. E01H 4/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR MAKING A CROSS-COUNTRY SKI RUN**
[54] **EQUIPEMENT POUR CREATION D'UNE PISTE DE SKI DE FOND**
[72] RUNGGALDIER, MARTIN, IT
[72] INSAM, MIRKO, IT
[72] BAIER, STEFAN, LU
[71] PRINOTH S.P.A., IT
[85] 2018-05-25
[86] 2016-12-14 (PCT/IB2016/057616)
[87] (WO2017/103810)
[30] IT (102015000083039) 2015-12-14

---

[21] **3,006,456**
[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01) B05B 11/00 (2006.01) F04B 43/02 (2006.01)**
[25] EN
[54] **SEQUENTIALLY ACTIVATED MULTI-DIAPHRAGM FOAM PUMPS, REFILL UNITS AND DISPENSER SYSTEMS**
[54] **POMPES A MOUSSE A PLUSIEURS MEMBRANES ACTIVEES SEQUENTIELLEMENT, UNITES DE REMPLISSAGE ET SYSTEMES DE DISTRIBUTEUR**
[72] CIAVARELLA, NICK E., US
[72] HARRIS, DONALD R., US
[72] JENKINS, DENNIS K., US
[72] MCNULTY, JOHN J., US
[71] GOJO INDUSTRIES, INC., US
[85] 2018-05-25
[86] 2016-12-05 (PCT/US2016/064907)
[87] (WO2017/096346)
[30] US (62/263,349) 2015-12-04
[30] US (62/293,931) 2016-02-11
[30] US (62/319,061) 2016-04-06
[30] US (15/355,112) 2016-11-18
[30] US (15/356,795) 2016-11-21

---

[21] **3,006,457**
[13] A1
[51] **Int.Cl. E21B 43/25 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **GAS DIVERTER FOR WELL AND RESERVOIR STIMULATION**
[54] **OBTURATEUR/DERIVEUR DE GAZ POUR STIMULATION DE PUITS ET DE RESERVOIR**
[72] MENDELL, PAUL E., US
[71] HIGHLANDS NATURAL RESOURCES, PLC, GB
[71] DIVERSION TECHNOLOGIES, LLC, US
[85] 2018-05-25
[86] 2016-11-22 (PCT/US2016/063354)
[87] (WO2017/091586)
[30] US (62/260,090) 2015-11-25
[30] US (14/957,182) 2015-12-02

[21] **3,006,458**
[13] A1
[51] **Int.Cl. B26D 1/08 (2006.01) B26D 5/00 (2006.01) B41J 11/70 (2006.01)**
[25] EN
[54] **CUTTER ACCESSORY FOR PRINTING SYSTEM**
[54] **ACCESSOIRE DE DISPOSITIF DE COUPE POUR SYSTEME D'IMPRESSION**
[72] WILLIAMS, LARRI, US
[72] NEUHARD, LANCE, US
[72] ENTINGH, TIMOTHY, US
[72] JOHNSON, KELLY, US
[71] AVERY DENNISON RETAIL INFORMATION SERVICES, LLC, US
[85] 2018-05-25
[86] 2016-12-07 (PCT/US2016/065386)
[87] (WO2017/100325)
[30] US (62/263,974) 2015-12-07

---

[21] **3,006,459**
[13] A1
[51] **Int.Cl. G01S 5/00 (2006.01) H04W 64/00 (2009.01) G01S 1/00 (2006.01) G01S 1/02 (2010.01) G01S 1/08 (2006.01) G01S 5/02 (2010.01)**
[25] EN
[54] **MOBILE LOCALIZATION IN VEHICLE-TO-VEHICLE ENVIRONMENTS**
[54] **LOCALISATION MOBILE DANS DES ENVIRONNEMENTS ENTRE VEHICULES**
[72] BRUEMMER, DAVID, US
[72] DEWBERRY, BRANDON, US
[72] SENNA, JOSH, US
[72] JAIN, AKSHAY, US
[71] HUMATICS CORPORATION, US
[85] 2018-05-25
[86] 2016-11-24 (PCT/US2016/063722)
[87] (WO2017/091792)
[30] US (62/259,725) 2015-11-25
[30] US (15/360,251) 2016-11-23

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[21] **3,006,460**
[13] A1
[51] **Int.Cl. A61K 38/47 (2006.01) A61K 38/46 (2006.01) A61P 43/00 (2006.01) C12N 9/40 (2006.01) C12N 9/42 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INTERNALIZING ENZYMES**
[54] **COMPOSITIONS ET METHODES PERMETTANT L'INTERNALISATION D'ENZYMES**
[72] BAIK, ANDREW, US
[72] CYGNAR, KATHERINE, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2018-05-25
[86] 2016-12-08 (PCT/US2016/065647)
[87] (WO2017/100467)
[30] US (62/264,702) 2015-12-08
[30] US (62/379,629) 2016-08-25

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[21] **3,006,461**
[13] A1
[51] **Int.Cl. G01K 17/20 (2006.01) G01K 11/20 (2006.01) G01K 17/06 (2006.01)**
[25] EN
[54] **THERMOCHROMIC EFFICIENCY INDICATOR**
[54] **INDICATEUR D'EFFICACITE THERMOCHROMIQUE**
[72] EDSON, PATRICK, US
[72] OWEN, TIMOTHY J., US
[72] CLAYTON, TERRILL SCOTT, US
[71] CHROMATIC TECHNOLOGIES, INC., US
[85] 2018-05-25
[86] 2015-12-01 (PCT/US2015/063278)
[87] (WO2016/089923)
[30] US (62/086,074) 2014-12-01
[30] US (62/145,346) 2015-04-09
[30] US (14/956,187) 2015-12-01

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[21] **3,006,462**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **BISPECIFIC MOLECULES HAVING IMMUNOREACTIVITY WITH PD-1 AND CTLA-4, AND METHODS OF USE THEREOF**
[54] **MOLECULES BISPECIFIQUES PRESENTANT UNE IMMUNOREACTIVITE PAR RAPPORT A PD-1 ET A CTLA-4 ET LEURS PROCEDES D'UTILISATION**
[72] JOHNSON, LESLIE S., US
[72] CHICHILI, GURUNADH REDDY, US
[72] SHAH, KALPANA, US
[72] LA MOTTE-MOHS, ROSS, US
[72] MOORE, PAUL A., US
[72] BONVINI, EZIO, US
[72] KOENIG, SCOTT, US
[71] MACROGENICS, INC., US
[85] 2018-05-25
[86] 2016-12-12 (PCT/US2016/066060)
[87] (WO2017/106061)
[30] US (62/266,944) 2015-12-14

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[21] **3,006,463**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) C04B 28/14 (2006.01) E21B 23/06 (2006.01)**
[25] EN
[54] **RAPID SETTING IN SITU CEMENT PLUGS**
[54] **BOUCHONS DE CIMENT IN SITU A PRISE RAPIDE**
[72] JONES, PAUL JOSEPH, US
[72] RAVI, KRISHNA, US
[72] AGAPIOU, KYRIACOS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-05-25
[86] 2016-03-08 (PCT/US2016/021383)
[87] (WO2017/155517)

[21] **3,006,464**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/22 (2011.01) C12N 15/10 (2006.01)**
[25] EN
[54] **MULTIPLEX CELLULAR REFERENCE MATERIALS**
[54] **MATERIAUX DE REFERENCE CELLULAIRES MULTIPLEX**
[72] HUANG, CATHERINE, US
[72] ANEKELLA, BHARATHI, US
[71] SERACARE LIFE SCIENCES, INC., US
[85] 2018-05-25
[86] 2016-08-25 (PCT/US2016/048661)
[87] (WO2017/095486)
[30] US (62/261,514) 2015-12-01
[30] US (62/323,659) 2016-04-16

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[21] **3,006,465**
[13] A1
[51] **Int.Cl. A01K 67/027 (2006.01) C12N 5/10 (2006.01) C12N 5/12 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **ENGINEERING OF HUMANIZED CAR T-CELLS AND PLATELETS BY GENETIC COMPLEMENTATION**
[54] **INGENIERIE DE PLAQUETTES ET DE LYMPHOCYTES T HUMANISES PAR COMPLEMENTATION GENETIQUE**
[72] FAHRENKRUG, SCOTT C., US
[72] COOPER, LAURENCE, US
[72] HACKETT, PERRY B., US
[72] CARLSON, DANIEL F., US
[71] RECOMBINETICS, INC., US
[85] 2018-05-25
[86] 2016-10-27 (PCT/US2016/059191)
[87] (WO2017/075261)
[30] US (62/247,114) 2015-10-27
[30] US (62/247,124) 2015-10-27

---

[21] **3,006,466**
[13] A1
[51] **Int.Cl. E02B 15/06 (2006.01) E02B 15/04 (2006.01)**
[25] EN
[54] **CONTAINMENT BOOM AND METHOD OF DEPLOYMENT**
[54] **BARRAGE DE CONFINEMENT ET PROCEDE DE DEPLOIEMENT**
[72] JOINER, MARVIN, US
[72] LEHNER, PAUL, US
[71] SMARTVISTA, LLC, US
[85] 2018-05-25
[86] 2016-10-31 (PCT/US2016/059637)
[87] (WO2017/079072)
[30] US (62/251,854) 2015-11-06

---

[21] **3,006,467**
[13] A1
[51] **Int.Cl. G01B 9/02 (2006.01) G02B 21/00 (2006.01) G02B 27/58 (2006.01)**
[25] EN
[54] **PROPERTIES OF A SURFACE AND SUBSURFACE STRUCTURES WITH WHITE LIGHT INTERFEROMETRY USING PHOTONIC JETS**
[54] **PROPRIETES DE STRUCTURES DE SURFACE ET SUBSURFACE AVEC INTERFEROMETRIE EN LUMIERE BLANCHE UTILISANT DES JETS PHOTONIQUES**
[72] KASSAMAKOV, IVAN, FI
[72] HAEGGSTROM, EDWARD, FI
[71] UNIVERSITY OF HELSINKI, FI
[85] 2018-05-25
[86] 2015-12-11 (PCT/FI2015/050876)
[87] (WO2017/098079)

---

[21] **3,006,468**
[13] A1
[51] **Int.Cl. G09F 3/02 (2006.01)**
[25] EN
[54] **LABELING OF POLYMERIC CONTAINERS**
[54] **ETIQUETAGE DE CONTENANTS POLYMERES**
[72] BLACKWELL, CHRISTOPHER J., US
[71] AVERY DENNISON CORPORATION, US
[85] 2018-05-25
[86] 2016-12-15 (PCT/US2016/067048)
[87] (WO2017/106574)
[30] US (62/268,079) 2015-12-16

---

[21] **3,006,469**
[13] A1
[51] **Int.Cl. C07D 401/10 (2006.01) C07D 401/14 (2006.01)**
[25] EN
[54] **METALLOENZYME INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE METALLO-ENZYMES**
[72] YATES, CHRISTOPHER M., US
[72] SHAVER, SAMMY R., US
[72] HOEKSTRA, WILLIAM J., US
[71] VPS-3, INC., US
[85] 2018-05-25
[86] 2016-12-29 (PCT/US2016/069217)
[87] (WO2017/117393)
[30] US (62/273,167) 2015-12-30

---

[21] **3,006,470**
[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/36 (2006.01) G01N 27/07 (2006.01) G01N 27/08 (2006.01)**
[25] EN
[54] **ELECTRICAL SENSOR FOR FLUIDS**
[54] **CAPTEUR ELECTRIQUE POUR LIQUIDES**
[72] WEAVER, COLIN, US
[72] ALBER, ELLIOTT, US
[72] JAMES, PHILIP SCOTT, US
[72] SCHMIDT, DANIEL, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2018-05-25
[86] 2016-12-29 (PCT/US2016/069298)
[87] (WO2017/117442)
[30] US (14/982,805) 2015-12-29

---

[21] **3,006,472**
[13] A1
[51] **Int.Cl. C07C 7/05 (2006.01) C07C 5/327 (2006.01) C07C 7/11 (2006.01)**
[25] EN
[54] **SOLVENT RECYCLE FROM HEAVIES REMOVAL COLUMN**
[54] **RECYCLAGE DE SOLVANT A PARTIR D'UNE COLONNE D'ELIMINATION DE MINERAUX LOURDS**
[72] ZAVALA, RAUL, US
[72] LUEBKE, CHARLES P., US
[72] KANYUH, ADAM J., US
[71] UOP LLC, US
[85] 2018-05-25
[86] 2017-05-01 (PCT/US2017/030335)
[87] (WO2017/205006)
[30] US (62/341,411) 2016-05-25

[21] **3,006,474**
[13] A1
[51] **Int.Cl. G01N 21/84 (2006.01) G01N 15/02 (2006.01) G01N 15/14 (2006.01) G01N 33/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING INFLORESCENCE, SEED AND/OR SEED YIELD PHENOTYPE**
[54] **PROCEDE ET APPAREIL DE MESURE DE PHENOTYPE D'INFLORESCENCE, DE GRAINE ET/OU DE RENDEMENT DE GRAINE**
[72] LEJEUNE, PIERRE, BE
[72] BAERT, JEROEN, BE
[72] LEYNS, FREDERIK, BE
[72] EECKHOUT, JORIS, BE
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2018-05-25
[86] 2016-12-06 (PCT/EP2016/079952)
[87] (WO2017/097782)
[30] EP (15199373.0) 2015-12-10
[30] US (62/265,465) 2015-12-10

---

[21] **3,006,475**
[13] A1
[51] **Int.Cl. G01M 3/20 (2006.01) G01N 1/22 (2006.01)**
[25] EN
[54] **A TEST PROBE FOR A FILTER**
[54] **SONDE DE TEST POUR FILTRE**
[72] MAHLER, AXEL, DE
[72] ADDINGTON, RICHARD, CN
[72] HEDLUND, KENNY, SE
[71] CAMFIL AB, SE
[85] 2018-05-28
[86] 2016-12-14 (PCT/EP2016/080978)
[87] (WO2017/114657)
[30] SE (1551716-2) 2015-12-28

---

[21] **3,006,477**
[13] A1
[51] **Int.Cl. C07K 14/54 (2006.01)**
[25] EN
[54] **ANTIBODY CYTOKINE ENGRAFTED COMPOSITIONS AND METHODS OF USE FOR IMMUNOREGULATION**
[54] **COMPOSITIONS A GREFFE DE CYTOKINE-ANTICORPS ET PROCEDES D'UTILISATION POUR L'IMMUNOREGULATION**
[72] DIDONATO, MICHAEL, US
[72] KNUTH, MARK, US
[72] MEEUSEN, SHELLY, US
[72] SPRAGGON, GLEN, US
[72] TRAUGER, JOHN, US
[72] GEIERSTANGER, BERNHARD HUBERT, US
[72] SIMPSON, CAROLINA NICOLE, US
[72] JUNT, TOBIAS, US
[71] NOVARTIS AG, CH
[85] 2018-05-25
[86] 2016-12-01 (PCT/IB2016/057283)
[87] (WO2017/093947)
[30] US (62/263,008) 2015-12-04

---

[21] **3,006,478**
[13] A1
[51] **Int.Cl. F21S 8/06 (2006.01) F21V 19/00 (2006.01)**
[25] EN
[54] **MODULAR LIGHTING APPARATUS**
[54] **APPAREIL D'ECLAIRAGE MODULAIRE**
[72] SOZZI, PAOLO, IT
[72] POZZI, FAUSTO, IT
[71] SOZZI ARREDAMENTI S.R.L., IT
[85] 2018-05-25
[86] 2016-12-12 (PCT/IB2016/057543)
[87] (WO2017/109636)
[30] IT (102015000086249) 2015-12-22

---

[21] **3,006,483**
[13] A1
[51] **Int.Cl. G01S 17/00 (2006.01) G01C 3/00 (2006.01) G08B 13/18 (2006.01)**
[25] EN
[54] **WORKSITE SAFETY DEVICE USING LIDAR**
[54] **DISPOSITIF DE SECURITE DE SITE DE TRAVAIL UTILISANT UN LIDAR**
[72] COSTELLO, NEIL, AU
[72] BEACH, JACK, AU
[71] VHS IP PTY LTD, AU
[85] 2018-05-25
[86] 2016-11-18 (PCT/AU2016/051116)
[87] (WO2017/088007)
[30] AU (2015904871) 2015-11-25

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[21] **3,006,484**
[13] A1
[51] **Int.Cl. F41B 15/00 (2006.01) A61F 5/37 (2006.01) F41H 13/00 (2006.01)**
[25] EN
[54] **HUMAN RESTRAINT DEVICE**
[54] **DISPOSITIF DE CONTENTION HUMAINE**
[72] ANDERSON, FRANK MALCOLM, AU
[72] SCHUTT, ROBERT ALEC, AU
[71] ANDERSON, FRANK MALCOLM, AU
[71] SCHUTT, ROBERT ALEC, AU
[85] 2018-05-25
[86] 2016-12-09 (PCT/AU2016/051206)
[87] (WO2017/100830)
[30] AU (2015905222) 2015-12-16

---

[21] **3,006,485**
[13] A1
[51] **Int.Cl. F16L 19/00 (2006.01)**
[25] FR
[54] **DEVICE FOR LIMITING THE LOOSENING OF A NUT IN A TURBINE ENGINE**
[54] **DISPOSITIF DE LIMITATION DE DESSERRAGE D'UN ECROU DANS UNE TURBOMACHINE**
[72] CLADIERE, MATHIEU, FR
[72] ZORDAN, CEDRIC ROGER, FR
[72] VERGEZ, STEPHANE, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2018-05-25
[86] 2016-12-01 (PCT/FR2016/053163)
[87] (WO2017/093671)
[30] FR (15 61809) 2015-12-03

[21] **3,006,486**
[13] A1
[51] **Int.Cl. H01M 2/06 (2006.01) H01M 2/08 (2006.01) H01M 2/30 (2006.01) H01M 10/0525 (2010.01)**
[25] EN
[54] **BATTERY SEALING DEVICE**
[54] **DISPOSITIF D'ETANCHEITE DE BATTERIE**
[72] LI, MUJIAN, CN
[72] GE, HUIMING, CN
[72] LYU, ZHENGZHONG, CN
[72] LIU, JINCHENG, CN
[71] RENATA AG, CH
[85] 2018-05-25
[86] 2016-12-23 (PCT/EP2016/082560)
[87] (WO2017/109172)
[30] CN (201521091982.6) 2015-12-25

[21] **3,006,487**
[13] A1
[51] **Int.Cl. A45D 40/06 (2006.01) A45D 40/08 (2006.01)**
[25] FR
[54] **COSMETIC ARTICLE COMPRISING STACKED MESHES**
[54] **ARTICLE DE COSMETIQUE COMPRENANT DES GRILLES SUPERPOSEES**
[72] CASTEX, NICOLAS, FR
[71] CHANEL PARFUMS BEAUTE, FR
[85] 2018-05-25
[86] 2017-01-30 (PCT/FR2017/050207)
[87] (WO2017/129927)
[30] FR (1650760) 2016-01-29

[21] **3,006,488**
[13] A1
[51] **Int.Cl. A61K 31/437 (2006.01) A61K 31/41 (2006.01) A61K 31/4184 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) A61K 31/53 (2006.01) A61K 31/5377 (2006.01) A61K 31/55 (2006.01) A61K 31/5513 (2006.01) A61K 31/70 (2006.01) A61K 31/7056 (2006.01) A61K 39/395 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **COMBINATION PRODUCTS FOR THE TREATMENT OF RSV**
[54] **PRODUITS DE COMBINAISON POUR LE TRAITEMENT DU VRS**
[72] YSEBAERT, NINA, BE
[72] GOEYVAERTS, NELE ISA E., BE
[72] ROYMANS, DIRK ANDRE E., BE
[72] KOUL, ANIL, BE
[71] JANSSEN SCIENCES IRELAND UC, IE
[85] 2018-05-25
[86] 2017-02-02 (PCT/EP2017/052201)
[87] (WO2017/134133)
[30] EP (16154035.6) 2016-02-03

[21] **3,006,489**
[13] A1
[51] **Int.Cl. A63B 71/06 (2006.01) A63B 71/14 (2006.01)**
[25] EN
[54] **TOOL FOR RECORDING NUMBER OF SWINGS IN BALL GAME**
[54] **OUTIL D'ENREGISTREMENT DU NOMBRE DE COUPS DANS UN JEU DE BALLE**
[72] WATANABE, MASAEI, JP
[71] NDC CORPORATION, JP
[85] 2018-05-25
[86] 2016-09-02 (PCT/JP2016/075835)
[87] (WO2017/098761)
[30] JP (2015-241908) 2015-12-11

[21] **3,006,490**
[13] A1
[51] **Int.Cl. B32B 15/09 (2006.01) B65D 25/34 (2006.01)**
[25] EN
[54] **LAMINATED STEEL SHEET FOR BOTH-SIDED RESIN-COATED CONTAINER**
[54] **TOLE D'ACIER LAMELLEE DESTINEE A UN CONTENANT REVETU DE RESINE DES DEUX COTES**
[72] NAKAMURA, NORIHIKO, JP
[72] OSHIMA, YASUHIDE, JP
[72] KITAGAWA, JUNICHI, JP
[72] NAKAMARU, HIROKI, JP
[72] YAMANAKA, YOICHIRO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-05-25
[86] 2016-10-21 (PCT/JP2016/081294)
[87] (WO2017/098818)
[30] JP (2015-240141) 2015-12-09

[21] **3,006,491**
[13] A1
[51] **Int.Cl. B02C 23/02 (2006.01) B02C 25/00 (2006.01)**
[25] EN
[54] **A METHOD AND AN ARRANGEMENT FOR CONTROLLING OF A COMMINUTION PROCESS HAVING A GRINDING CIRCUIT**
[54] **PROCEDE ET AGENCEMENT DE COMMANDE D'UN TRAITEMENT DE COMMINUTION COMPORTANT UN CIRCUIT DE BROYAGE**
[72] KAARTINEN, JANI, FI
[72] RANTALA, ARI, FI
[72] REMES, ANTTI, FI
[72] SUONTAKA, VILLE, FI
[72] MOILANEN, JARI, FI
[72] SAVIRANTA, PERTTI, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2018-05-25
[86] 2016-11-30 (PCT/FI2016/050844)
[87] (WO2017/093610)
[30] FI (20155908) 2015-12-01

[21] **3,006,492**
[13] A1
[51] **Int.Cl. A61J 3/00 (2006.01)**
[25] EN
[54] **MEDICINE CASSETTE, MEDICINE DISPENSING APPARATUS AND MEDICINE PACKAGING APPARATUS**
[54] **CASSETTE DE MEDICAMENT, APPAREIL DE DISTRIBUTION DE MEDICAMENT ET APPAREIL D'EMBALLAGE DE MEDICAMENT**
[72] KOIKE, NAOKI, JP
[72] YOROZU, TAKANORI, JP
[72] OKADA, SHOICHIRO, JP
[72] TAKADA, KENICHI, JP
[71] YUYAMA MFG. CO., LTD., JP
[85] 2018-05-25
[86] 2016-11-28 (PCT/JP2016/085251)
[87] (WO2017/094687)
[30] JP (2015-234280) 2015-11-30

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[21] **3,006,493**
[13] A1
[51] **Int.Cl. B65D 19/38 (2006.01) A47B 57/26 (2006.01) B65D 19/12 (2006.01) B65D 19/30 (2006.01) B65D 19/44 (2006.01)**
[25] EN
[54] **PRODUCT STORAGE RACKS AND METHODS OF STORING PRODUCTS**
[54] **RAYONNAGES DE STOCKAGE DE PRODUITS ET PROCEDES DE STOCKAGE DE PRODUITS**
[72] REYNOLDS, JOHN M., US
[72] MCCLARTY, THOMAS L., US
[72] REINER, MORGAN D., US
[72] BOZIK, OLIVIA H., US
[72] WILKINSON, RICHARD T., US
[71] WALMART APOLLO, LLC, US
[85] 2018-05-25
[86] 2016-11-30 (PCT/US2016/064124)
[87] (WO2017/095868)
[30] US (62/262,212) 2015-12-02

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[21] **3,006,494**
[13] A1
[51] **Int.Cl. B60G 7/02 (2006.01) B60G 9/00 (2006.01) B60G 13/00 (2006.01)**
[25] EN
[54] **SUSPENSION ASSEMBLY**
[54] **ENSEMBLE SUSPENSION**
[72] CHUA, BUN-HIONG, US
[72] KERENDIAN, HORMOZ, US
[72] DUDDING, ASHLEY, US
[72] GONNELLA, ANTONIO, US
[71] HENDRICKSON USA, L.L.C., US
[85] 2018-05-25
[86] 2016-11-30 (PCT/US2016/064180)
[87] (WO2017/095900)
[30] US (62/261,022) 2015-11-30
[30] CN (201610334798.2) 2016-05-19
[30] US (62/395,078) 2016-09-15

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[21] **3,006,495**
[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVING SECURITY IN BLOCKCHAIN-ASSET EXCHANGE**
[54] **SYSTEMES ET PROCEDES POUR AMELIORER LA SECURITE DANS UN ECHANGE CHAINE DE BLOCS-ACTIFS**
[72] VOORHEES, ERIK, US
[71] SHAPESHIFT AG, CH
[85] 2018-05-25
[86] 2016-11-30 (PCT/US2016/064056)
[87] (WO2017/095833)
[30] US (62/261,011) 2015-11-30

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[21] **3,006,496**
[13] A1
[51] **Int.Cl. H04W 40/22 (2009.01) H04W 40/00 (2009.01) H04W 80/06 (2009.01)**
[25] EN
[54] **ROUTING AND SECURITY WITHIN A MOBILE NETWORK**
[54] **ROUTAGE ET SECURITE DANS UN RESEAU MOBILE**
[72] SCHWARTZ, JONATHAN, IL
[72] MALKA, FRANCK, IL
[71] JPU.IO LTD, IL
[85] 2018-05-25
[86] 2016-12-02 (PCT/IB2016/001827)
[87] (WO2017/098320)
[30] US (62/264,791) 2015-12-08
[30] US (15/090,918) 2016-04-05

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[21] **3,006,497**
[13] A1
[51] **Int.Cl. B01J 8/00 (2006.01) C07C 5/333 (2006.01) C07C 11/06 (2006.01)**
[25] EN
[54] **A FLUIDIZED CATALYST STRIPPING UNIT FOR DISPLACING ENTRAINED GAS FROM CATALYST PARTICLES**
[54] **UNITE DE DECAPAGE DE CATALYSEUR FLUIDISE PERMETTANT DE DEPLACER UN GAZ ENTRAINE A PARTIR DE PARTICULES DE CATALYSEUR**
[72] PRETZ, MATTHEW T., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-05-25
[86] 2016-11-30 (PCT/US2016/064260)
[87] (WO2017/095953)
[30] US (14/955,344) 2015-12-01

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[21] **3,006,498**
[13] A1
[51] **Int.Cl. A23G 1/34 (2006.01) A23G 1/36 (2006.01) A23G 1/40 (2006.01)**
[25] EN
[54] **OPTIMISED ALTERNATIVE CHOCOLATE FORMULATION MADE FROM CAROB BEAN, MILK-FREE, WITH OR WITHOUT ADDED SUGAR, GLUTEN-FREE, SOY-FREE AND WITH OR WITHOUT FIBRES**
[54] **FORMULATION OPTIMISEE DE CHOLOCAT SUCCEDANE DE CAROUBE SANS LAIT, AVEC OU SANS ADDITION DE SUCRE, SANS GLUTEN, SANS SOJA ET AVEC OU SANS FIBRES**
[72] ORLANDI GIUNTI OLIVEIRA, ELOISA HELENA, BR
[72] GIUNTI DE OLIVEIRA, LUIZ CARMINE, BR
[71] ORLANDI GIUNTI OLIVEIRA, ELOISA HELENA, BR
[71] GIUNTI DE OLIVEIRA, LUIZ CARMINE, BR
[85] 2018-05-28
[86] 2016-11-29 (PCT/BR2016/050310)
[87] (WO2017/096448)
[30] BR (BR 10 2015 030629 6) 2015-12-07

[21] **3,006,499**
[13] A1
[51] **Int.Cl. C11D 3/20 (2006.01) C11D 7/26 (2006.01) C11D 11/00 (2006.01) C23G 1/24 (2006.01) C23G 5/032 (2006.01)**
[25] FR
[54] **COMPOSITION FOR SOLUBILIZATION OF ORGANIC RESIDUES**
[54] **COMPOSITION DE SOLUBILISATION DES RESIDUS ORGANIQUES**
[72] BARREAU, SEBASTIEN, FR
[72] FOUQUET, MARINE, FR
[72] BRIGE, CHRISTOPHE, FR
[71] OLEON NV, BE
[85] 2018-03-05
[86] 2016-08-01 (PCT/EP2016/068323)
[87] (WO2017/021365)
[30] FR (1557410) 2015-07-31

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[21] **3,006,500**
[13] A1
[51] **Int.Cl. B64G 1/10 (2006.01) G01W 1/08 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **SATELLITE SYSTEM AND METHOD FOR GLOBAL COVERAGE**
[54] **SYSTEME DE SATELLITE ET PROCEDE DE COUVERTURE GLOBALE**
[72] BIGRAS, ANDRE E., CA
[72] MEGYERI, PETER, CA
[72] RIGLEY, JACK, CA
[72] SHOAMANESH, ALIREZA, CA
[72] NG, PAUL, CA
[72] SINGH, SURINDER, CA
[71] TELESAT CANADA, CA
[85] 2018-05-28
[86] 2016-11-25 (PCT/CA2016/051390)
[87] (WO2017/088062)
[30] US (14/953,154) 2015-11-27

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[21] **3,006,501**
[13] A1
[51] **Int.Cl. H04B 17/40 (2015.01) H04B 7/185 (2006.01)**
[25] EN
[54] **SATELLITE COMMUNICATIONS SUBSYSTEM IN-ORBIT VERIFICATION SYSTEM AND METHODOLOGIES**
[54] **SYSTEMES ET METHODOLOGIES DE VERIFICATION EN ORBITE DE SOUS-SYSTEME DE COMMUNICATIONS PAR SATELLITE**
[72] REID, STEPHEN, CA
[72] YIP, ROGER, CA
[71] TELESAT CANADA, CA
[85] 2018-05-28
[86] 2016-11-28 (PCT/CA2016/051397)
[87] (WO2017/088067)
[30] CA (2,913,564) 2015-11-27

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[21] **3,006,502**
[13] A1
[51] **Int.Cl. C07D 513/14 (2006.01) A61K 31/429 (2006.01) A61K 31/4375 (2006.01) A61K 31/551 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 471/14 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF QUINOLONE ANALOGS AND THEIR SALTS**
[54] **FORMES CRISTALLINES D'ANALOGUES DE QUINOLONE ET LEURS SELS**
[72] RYCKMAN, DAVID M., US
[72] YU, ICHING GRACE, US
[72] LIU, HSHIOU-TING, US
[71] SENHWA BIOSCIENCES, INC., TW
[85] 2018-05-25
[86] 2015-12-14 (PCT/US2015/065443)
[87] (WO2017/105382)

---

[21] **3,006,503**
[13] A1
[51] **Int.Cl. B01J 21/06 (2006.01) B01J 23/46 (2006.01) C07C 29/141 (2006.01)**
[25] EN
[54] **HYDROGENATION OR HYDROGENOLYSIS PROCESS**
[54] **PROCEDE D'HYDROGENATION OU D'HYDROGENOLYSE**
[72] DE VLIEGER, DIONYSIUS JACOBUS MARIA, NL
[72] LANGE, JEAN PAUL ANDRE MARIE JOSEPH GHISLAIN, NL
[72] COLIJN, HENDRIK ALBERTUS, NL
[72] EDULJI, SMITA, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-05-28
[86] 2016-12-15 (PCT/EP2016/081270)
[87] (WO2017/102992)
[30] US (62/268615) 2015-12-17

---

[21] **3,006,504**
[13] A1
[51] **Int.Cl. F02N 11/12 (2006.01) F02N 15/02 (2006.01)**
[25] EN
[54] **ELECTRIC TOOL FOR FACILITATING STARTING OF ENGINE**
[54] **OUTIL ELECTRIQUE PERMETTANT DE FACILITER LE DEMARRAGE D'UN MOTEUR**
[72] DONG, LI TENG, CN
[72] LAM, CHIN HUNG, CN
[72] LV, LONG JIANG, CN
[72] HUO, TIAN, CN
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[85] 2018-05-28
[86] 2015-11-30 (PCT/CN2015/095999)
[87] (WO2017/091950)

[21] **3,006,505**
[13] A1
[51] **Int.Cl. A61B 8/00 (2006.01)**
[25] EN
[54] **BIASING OF CAPACITIVE MICROMACHINED ULTRASONIC TRANSDUCERS (CMUTS) AND RELATED APPARATUS AND METHODS**
[54] **POLARISATION DE TRANSDUCTEURS ULTRASONORES MICRO-USINES CAPACITIFS (CMUT) ET APPAREIL ET PROCEDES ASSOCIES**
[72] ALIE, SUSAN A., US
[72] ZAHORIAN, JAIME SCOTT, US
[72] CHEN, KAILIANG, US
[71] BUTTERFLY NETWORK, INC., US
[85] 2018-05-25
[86] 2016-12-01 (PCT/US2016/064325)
[87] (WO2017/095988)
[30] US (14/957,098) 2015-12-02

---

[21] **3,006,506**
[13] A1
[51] **Int.Cl. H02H 7/122 (2006.01)**
[25] EN
[54] **AN ON-LINE DIAGNOSTIC METHOD FOR SWITCH FAULTS IN POWER CONVERTERS**
[54] **PROCEDE DE DIAGNOSTIC EN LIGNE POUR DES DEFAILLANCES DE COMMUTATION DANS DES CONVERTISSEURS DE PUISSANCE**
[72] HE, JIANGBIAO, US
[72] DEMERDASH, NABEEL A.O., US
[71] MARQUETTE UNIVERSITY, US
[85] 2018-05-14
[86] 2016-11-10 (PCT/US2016/061345)
[87] (WO2017/083527)
[30] US (62/255,083) 2015-11-13

---

[21] **3,006,507**
[13] A1
[51] **Int.Cl. A61K 8/00 (2006.01) A61K 8/27 (2006.01) A61K 8/97 (2017.01)**
[25] EN
[54] **SODIUM ZINC ALGINATE STRUCTURANT AND METHODS FOR MAKING AND USING SAME**
[54] **ALGINATE DE SODIUM ET DE ZINC STRUCTURANT ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] SHI, MANYING, CN
[72] XU, YUN, CN
[72] LV, XIAOJING, CN
[72] WU, YUAN, CN
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-05-28
[86] 2015-12-18 (PCT/CN2015/097859)
[87] (WO2017/101098)

---

[21] **3,006,508**
[13] A1
[51] **Int.Cl. C07C 29/149 (2006.01) B01J 23/46 (2006.01) C07C 29/141 (2006.01)**
[25] EN
[54] **HYDROGENATION OR HYDROGENOLYSIS OF AN OXYGENATE**
[54] **HYDROGENATION OU HYDROGENOLYSE D'UN COMPOSE OXYGENE**
[72] DE VLIEGER, DIONYSIUS JACOBUS MARIA, NL
[72] LANGE, JEAN PAUL ANDRE MARIE JOSEPH GHISLAIN, NL
[72] EDULJI, SMITA, US
[72] COLIJN, HENDRIK ALBERTUS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-05-28
[86] 2016-12-15 (PCT/EP2016/081294)
[87] (WO2017/103009)
[30] US (62/268,604) 2015-12-17

---

[21] **3,006,509**
[13] A1
[51] **Int.Cl. E05C 17/54 (2006.01) B60J 9/00 (2006.01) E05C 17/30 (2006.01)**
[25] EN
[54] **DEVICE FOR HOLDING THE TRUNK LID OF A VEHICLE IN AN OPEN POSITION**
[54] **DISPOSITIF DE MAINTIEN DU COUVERCLE DE COFFRE D'UN VEHICULE DANS UNE POSITION OUVERTE**
[72] MITCHELL, DAVID, CA
[72] MOLINER, MICHAEL, CA
[72] OUELLET, SEBASTIEN, CA
[71] 9303-0302 QUEBEC INC., CA
[85] 2018-05-24
[86] 2015-11-25 (PCT/CA2015/000583)
[87] (WO2016/082022)
[30] US (62/084,553) 2014-11-25
[30] US (62/172,016) 2015-06-05

---

[21] **3,006,510**
[13] A1
[51] **Int.Cl. F04C 29/00 (2006.01) F04C 18/16 (2006.01) F04C 29/02 (2006.01) F04C 29/04 (2006.01)**
[25] EN
[54] **METHOD FOR REGULATING THE LIQUID INJECTION OF A COMPRESSOR, A LIQUID-INJECTED COMPRESSOR AND A LIQUID-INJECTED COMPRESSOR ELEMENT**
[54] **PROCEDE DE REGULATION DE L'INJECTION DE LIQUIDE D'UN COMPRESSEUR, COMPRESSEUR A INJECTION DE LIQUIDE ET ELEMENT COMPRESSEUR A INJECTION DE LIQUIDE**
[72] DOM, JOHAN JULIA J., BE
[72] THEELEN, JOCHEN EMIEL CORNEEL, BE
[72] DAHALE, SHRAMIK KANTILAL, BE
[72] VAN HOEY, LUC HENRI ARTHUR ALBERT, BE
[72] TRUYEN, DIEGO, BE
[72] MARCELIS, KRISTOF PIETER FRANS, BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2018-05-25
[86] 2016-08-23 (PCT/BE2016/000044)
[87] (WO2017/096438)
[30] US (62/266,092) 2015-12-11
[30] BE (2016/5147) 2016-03-01

[21] **3,006,512**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **A COMPONENT FOR AN AEROSOL-GENERATING SYSTEM COMPRISING DISABLING MEANS**
[54] **ELEMENT DESTINE A UN SYSTEME DE GENERATION D'AEROSOL COMPRENANT UN MOYEN DE DESACTIVATION**
[72] REEVELL, TONY, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-28
[86] 2016-12-16 (PCT/EP2016/081445)
[87] (WO2017/118557)
[30] EP (16150668.8) 2016-01-08

---

[21] **3,006,513**
[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61F 13/02 (2006.01) A61F 13/40 (2006.01) A61K 9/70 (2006.01)**
[25] FR
[54] **DRESSING FOR SKIN CARE IN A MOIST ENVIRONMENT**
[54] **PANSEMENT POUR SOINS DE LA PEAU EN MILIEU HUMIDE**
[72] DROCHE, EMILE, FR
[71] DROCHE, EMILE, FR
[85] 2018-05-25
[86] 2016-12-09 (PCT/EP2016/080468)
[87] (WO2017/097993)
[30] FR (1562074) 2015-12-09

---

[21] **3,006,514**
[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **ACCELERATING CONNECTIONS TO A HOST SERVER**
[54] **ACCELERATION DE CONNEXIONS A UN SERVEUR HOTE**
[72] LEPESKA, PETER, US
[72] TSILLAS, DEMETRIOS JAMES, US
[71] VIASAT, INC., US
[85] 2018-05-25
[86] 2016-12-02 (PCT/US2016/064778)
[87] (WO2017/096269)
[30] US (62/263,241) 2015-12-04

---

[21] **3,006,515**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01)**
[25] FR
[54] **EFFECTIVE GENE THERAPY TOOLS FOR DYSTROPHIN EXON 53 SKIPPING**
[54] **OUTILS DE THERAPIE GENIQUE EFFICACES POUR LE SAUT DE L'EXON 53 DE LA DYSTROPHINE**
[72] PIETRI-ROUXEL, FRANCE, FR
[72] FRANCOIS, VIRGINIE, FR
[71] GENETHON, FR
[85] 2018-05-28
[86] 2016-12-09 (PCT/FR2016/053312)
[87] (WO2017/098187)
[30] FR (1562036) 2015-12-09

---

[21] **3,006,517**
[13] A1
[51] **Int.Cl. G01R 31/36 (2006.01)**
[25] EN
[54] **DEVICE FOR MEASURING CHARACTERISTICS OF HIGH VOLTAGE BATTERIES**
[54] **DISPOSITIF DE MESURE DE CARACTERISTIQUES DE BATTERIES A HAUTE TENSION**
[72] DE BREUCKER, SVEN, BE
[72] WEYEN, DOMINIQUE, BE
[72] COENEN, PETER, BE
[71] VITO NV, BE
[85] 2018-05-28
[86] 2016-12-22 (PCT/EP2016/082340)
[87] (WO2017/109049)
[30] EP (15202147.3) 2015-12-22

---

[21] **3,006,518**
[13] A1
[51] **Int.Cl. G06F 3/01 (2006.01) G02B 5/32 (2006.01) G02B 27/01 (2006.01) H04N 5/89 (2006.01)**
[25] EN
[54] **HIGH DENSITY ENERGY DIRECTING DEVICE**
[54] **DISPOSITIF D'ORIENTATION D'ENERGIE A HAUTE DENSITE**
[72] KARAFIN, JONATHAN SEAN, US
[72] BEVENSEE, BRENDAN ELWOOD, US
[71] LIGHT FIELD LAB, INC., US
[85] 2018-05-25
[86] 2017-07-17 (PCT/US2017/042452)
[87] (WO2018/014036)
[30] US (62/362,602) 2016-07-15
[30] US (62/366,076) 2016-07-24
[30] US (62/507,500) 2017-05-17
[30] US (PCT/US2017/042275) 2017-07-14
[30] US (PCT/US2017/042276) 2017-07-14

---

[21] **3,006,523**
[13] A1
[51] **Int.Cl. G02B 27/22 (2018.01) G03H 1/04 (2006.01)**
[25] EN
[54] **HOLOGRAPHIC SUPERIMPOSITION OF REAL WORLD PLENOPTIC OPACITY MODULATION THROUGH TRANSPARENT WAVEGUIDE ARRAYS**
[54] **SUPERPOSITION HOLOGRAPHIQUE DE MODULATION D'OPACITE PLENOPTIQUE DU MONDE REEL A TRAVERS DES RESEAUX DE GUIDES D'ONDES TRANSPARENTS**
[72] KARAFIN, JONATHAN, SEAN, US
[72] BEVENSEE, BRENDAN, ELWOOD, US
[71] LIGHT FIELD LAB, INC., US
[85] 2018-05-25
[86] 2017-07-17 (PCT/US2017/042462)
[87] (WO2018/014040)
[30] US (62/362,602) 2016-07-15
[30] US (62/366,076) 2016-07-24
[30] US (62/507,500) 2017-05-17
[30] US (PCT/US2017/042275) 2017-07-14
[30] US (PCT/US2017/042276) 2017-07-14

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[21] **3,006,524**
[13] A1
[51] **Int.Cl. A61B 1/00 (2006.01)**
[25] EN
[54] **ENDOSCOPIC SYSTEMS, DEVICES, AND METHODS FOR PERFORMING IN VIVO PROCEDURES**
[54] **SYSTEMES ENDOSCOPIQUES, DISPOSITIFS, ET METHODES PERMETTANT D'EFFECTUER DES INTERVENTIONS IN VIVO**
[72] YEUNG, CHUNG-KWONG, CN
[72] LAW, WAI-LUN, CN
[72] KWOK, KA-WAI, CN
[71] BIO-MEDICAL ENGINEERING (HK) LIMITED, CN
[85] 2018-05-28
[86] 2016-01-14 (PCT/CN2016/070906)
[87] (WO2017/054372)
[30] US (62/233,828) 2015-09-28
[30] US (14/985,587) 2015-12-31

[21] **3,006,526**
[13] A1
[51] **Int.Cl. H04L 12/403 (2006.01) H05B 33/08 (2006.01)**
[25] EN
[54] **EFFICIENT CONTROL ASSEMBLY AND CONTROL METHOD**
[54] **ENSEMBLE DE COMMANDE EFFICACE ET PROCEDE DE COMMANDE**
[72] NEUMANN, ROLAND, DE
[71] INOVA SEMICONDUCTORS GMBH, DE
[85] 2018-05-28
[86] 2017-01-26 (PCT/EP2017/000091)
[87] (WO2017/162323)
[30] DE (10 2016 105 264.7) 2016-03-21

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[21] **3,006,527**
[13] A1
[51] **Int.Cl. D21F 1/10 (2006.01) D21F 1/00 (2006.01)**
[25] EN
[54] **PAPER MACHINE FABRIC**
[54] **TISSU DE MACHINE A PAPIER**
[72] TAIPALE, SEPPO, FI
[72] SEPPANEN, MARI, FI
[72] MARTIKAINEN, HANNU, FI
[72] RAUTIO, TANIA, FI
[71] VALMET TECHNOLOGIES OY, FI
[85] 2018-05-28
[86] 2016-12-02 (PCT/FI2016/050851)
[87] (WO2017/093614)
[30] FI (20155918) 2015-12-04

---

[21] **3,006,528**
[13] A1
[51] **Int.Cl. G02B 27/22 (2018.01) H04N 13/122 (2018.01) G02B 27/01 (2006.01)**
[25] EN
[54] **ENCODED ENERGY WAVEGUIDES FOR HOLOGRAPHIC SUPER RESOLUTION**
[54] **GUIDES D'ONDES D'ENERGIE CODEE DESTINES A UNE SUPER-RESOLUTION HOLOGRAPHIQUE**
[72] KARAFIN, JONATHAN SEAN, US
[72] BEVENSEE, BRENDAN ELWOOD, US
[71] LIGHT FIELD LAB, INC., US
[85] 2018-05-25
[86] 2017-07-17 (PCT/US2017/042468)
[87] (WO2018/014046)
[30] US (62/362,602) 2016-07-15
[30] US (62/366,076) 2016-07-24
[30] US (62/507,500) 2017-05-17
[30] US (PCT/US2017/042275) 2017-07-14
[30] US (PCT/US2017/042276) 2017-07-14

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[21] **3,006,529**
[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CEA-POSITIVE CANCERS USING PD-1 AXIS BINDING ANTAGONISTS AND ANTI-CEA/ANTI-CD3 BISPECIFIC ANTIBODIES**
[54] **PROCEDES PERMETTANT DE TRAITER DES CANCERS POSITIFS A CEA AU MOYEN D'ANTAGONISTES DE LIAISON A L'AXE DE PD-1 ET D'ANTICORPS BISPECIFIQUES ANTI-CEA/ANTI-CD3**
[72] BACAC, MARINA, CH
[72] COLOMBETTI, SARA, CH
[72] KLEIN, CHRISTIAN, CH
[72] SAM, JOHANNES, CH
[72] SARO, JOSE, CH
[72] UMANA, PABLO, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-05-28
[86] 2017-01-05 (PCT/EP2017/050168)
[87] (WO2017/118675)
[30] EP (16150506.0) 2016-01-08

---

[21] **3,006,532**
[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01) A61N 1/375 (2006.01)**
[25] EN
[54] **BIOCOMPATIBLE ELECTRO-OPTICS PACKAGE FOR IN VIVO USE**
[54] **BOITIER ELECTRO-OPTIQUE BIOCOMPATIBLE POUR UTILISATION IN VIVO**
[72] MATTES, MICHAEL F., US
[72] ZIELKE, MARK A., US
[72] MCCANN, JONATHAN, US
[72] LINTERN, RICHARD, GB
[72] POLLOCK, SAMUEL, GB
[71] NOVARTIS AG, CH
[85] 2018-05-28
[86] 2016-12-19 (PCT/IB2016/057790)
[87] (WO2017/109677)
[30] US (14/976,070) 2015-12-21

---

[21] **3,006,534**
[13] A1
[51] **Int.Cl. B23B 29/04 (2006.01) B23B 27/04 (2006.01)**
[25] EN
[54] **PARTING-OFF TOOL ASSEMBLY WITH A CUTTING INSERT AND A RIGID SEAT**
[54] **ENSEMBLE D'OUTIL DE TRONCONNAGE AVEC UN INSERT DE COUPE ET UN SIEGE RIGIDE**
[72] HECHT, GIL, IL
[72] CHISTYAKOV, SERGEY, IL
[72] MAKHLIN, DIMA, IL
[71] ISCAR LTD., IL
[85] 2018-05-28
[86] 2016-11-03 (PCT/IL2016/051191)
[87] (WO2017/093997)
[30] US (14/953,584) 2015-11-30

[21] **3,006,535**
[13] A1
[51] **Int.Cl. G06F 3/0362 (2013.01) F24D 19/10 (2006.01) H03K 17/96 (2006.01) H03K 17/968 (2006.01)**
[25] EN
[54] **OPERATING ELEMENT AND APPLIANCE PROVIDED THEREWITH**
[54] **ELEMENT DE COMMANDE ET APPAREIL EQUIPE DE CE DERNIER**
[72] COOL, PETER JAN, NL
[71] INTERGAS HEATING ASSETS B.V., NL
[85] 2018-05-28
[86] 2017-01-03 (PCT/NL2017/050002)
[87] (WO2017/119810)
[30] NL (2016064) 2016-01-07

[21] **3,006,536**
[13] A1
[51] **Int.Cl. H02J 1/00 (2006.01) H02S 10/40 (2014.01) F03B 13/10 (2006.01) H02J 7/00 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **MOBILE ELECTRIC POWER GENERATING AND CONDITIONING SYSTEM**
[54] **SYSTEME MOBILE DE PRODUCTION ET DE CONDITIONNEMENT D'ENERGIE ELECTRIQUE**
[72] NEUFELD, DEREK, CA
[72] BEAR, CLAYTON, CA
[71] NEW ENERGY CORPORATION INC., CA
[85] 2018-05-24
[86] 2016-11-24 (PCT/CA2016/051380)
[87] (WO2017/088059)
[30] US (62/259,335) 2015-11-24

[21] **3,006,537**
[13] A1
[51] **Int.Cl. C07C 231/02 (2006.01) C07D 203/18 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARATION OF LISDEXAMPHETAMINE**
[54] **PROCEDE DE PREPARATION DE LISDEXAMPHETAMINE**
[72] THENNATI, RAJAMANNAR, IN
[72] KILARU, SRINIVASU, IN
[72] PAWAR, SUJIT SRIDHAR, US
[72] PATEL, NILESHKUMAR SURESHBHAI, US
[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
[85] 2018-05-28
[86] 2016-12-12 (PCT/IN2016/050441)
[87] (WO2017/098533)
[30] IN (4670/MUM/2015) 2015-12-11

[21] **3,006,538**
[13] A1
[51] **Int.Cl. A47C 16/00 (2006.01) A47C 7/38 (2006.01) A47G 9/10 (2006.01)**
[25] EN
[54] **EXPANDABLE AND COLLAPSIBLE PILLOW STRUCTURE**
[54] **STRUCTURE D'OREILLER DILATABLE ET COMPRESSIBLE**
[72] WAGNER, JOHN JAY, US
[71] PILLOWVISION, LLC, US
[85] 2018-05-28
[86] 2015-11-24 (PCT/US2015/062529)
[87] (WO2016/086061)
[30] US (62/085,305) 2014-11-27

[21] **3,006,539**
[13] A1
[51] **Int.Cl. D01F 8/12 (2006.01) D03D 15/00 (2006.01)**
[25] EN
[54] **MOISTURE-ABSORBING CORE-SHEATH COMPOSITE YARN, AND FABRIC**
[54] **FIL COMPOSITE AME-GAINE ABSORBANT L'HUMIDITE**
[72] TAKAGI, KENTARO, JP
[72] SATO, YOSHIFUMI, JP
[72] YOSHIOKA, DAISUKE, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-05-28
[86] 2016-11-14 (PCT/JP2016/083644)
[87] (WO2017/098861)
[30] JP (2015-239504) 2015-12-08

[21] **3,006,540**
[13] A1
[51] **Int.Cl. C09D 11/03 (2014.01) C09D 11/037 (2014.01) B41M 3/14 (2006.01)**
[25] EN
[54] **INTAGLIO MAGNETIC MACHINE READABLE OXIDATIVE DRYING INKS**
[54] **ENCRES A SECHAGE OXYDATIF LISIBLE PAR MACHINE MAGNETIQUE D'HELIOGRAVURE**
[72] KRUEGER, JESSICA, CH
[72] PASQUIER, CECILE, CH
[72] MAGNIN, PATRICK, FR
[71] SICPA HOLDING SA, CH
[85] 2018-05-28
[86] 2017-01-26 (PCT/EP2017/051624)
[87] (WO2017/129666)
[30] EP (16153347.6) 2016-01-29

[21] **3,006,541**
[13] A1
[51] **Int.Cl. C07C 211/27 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61K 31/497 (2006.01) A61K 31/505 (2006.01) A61P 7/00 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 33/06 (2006.01) A61P 35/00 (2006.01) C07C 211/50 (2006.01) C07C 211/54 (2006.01) C07D 207/06 (2006.01) C07D 213/36 (2006.01) C07D 239/26 (2006.01) C07D 249/08 (2006.01) C07D 271/10 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING DISEASES AND CONDITIONS**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DE MALADIES ET D'ETATS PATHOLOGIQUES**
[72] CHEN, BEIBEI, US
[72] MALLAMPALLI, RAMA K., US
[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[71] THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS, US
[85] 2018-05-28
[86] 2015-12-10 (PCT/US2015/065000)
[87] (WO2016/094659)
[30] US (62/090,309) 2014-12-10

[21] **3,006,542**
[13] A1
[51] **Int.Cl. C09K 8/473 (2006.01) C09K 8/46 (2006.01)**
[25] EN
[54] **NANOCELLULOSE FOAM STABILIZING ADDITIVE**
[54] **ADDITIF STABILISANT A BASE DE MOUSSE DE NANOCELLULOSE**
[72] PEARL, WILLIAM CECIL, JR., US
[72] LEWIS, SAMUEL J., US
[72] KARCHER, JEFFERY DWANE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-05-28
[86] 2016-02-08 (PCT/US2016/016994)
[87] (WO2017/138913)

[21] **3,006,543**
[13] A1
[51] **Int.Cl. G01B 21/16 (2006.01) G01B 11/14 (2006.01) G01B 17/02 (2006.01)**
[25] EN
[54] **GAP MEASUREMENT DEVICE AND GAP MEASUREMENT METHOD**
[54] **DISPOSITIF DE MESURE D'INTERVALLE ET PROCEDE DE MESURE D'INTERVALLE**
[72] SASANO, YUICHI, JP
[72] YOSHITOMI, KEI, JP
[72] GOTO, TAKUYA, JP
[72] KUBOTA, TAKAHIRO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2018-05-28
[86] 2016-11-24 (PCT/JP2016/084834)
[87] (WO2017/126218)
[30] JP (2016-009096) 2016-01-20

[21] **3,006,544**
[13] A1
[51] **Int.Cl. A61K 8/22 (2006.01) A61K 8/27 (2006.01) A61K 8/81 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **STABLE WHITENING ORAL CARE DENTIFRICE COMPOSITIONS**
[54] **COMPOSITIONS STABLES DE DENTIFRICE DE SOINS BUCCAUX BLANCHISSANT**
[72] ONTUMI, DENNIS, US
[72] MALONEY, VENDA, US
[72] CHOPRA, SUMAN, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-05-28
[86] 2015-12-14 (PCT/US2015/065439)
[87] (WO2017/105381)

[21] **3,006,546**
[13] A1
[51] **Int.Cl. G08G 1/09 (2006.01) B60W 30/12 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **HOST VEHICLE OPERATION USING REMOTE VEHICLE INTENTION PREDICTION**
[54] **OPERATION DE VEHICULE HOTE AU MOYEN DE LA PREDICTION D'INTENTION D'UN VEHICULE ELOIGNE**
[72] ZHAO, YUE, JP
[72] MORTAZAVI, ALI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-05-28
[86] 2016-11-28 (PCT/JP2016/085157)
[87] (WO2017/094656)
[30] US (14/954,083) 2015-11-30

[21] **3,006,547**
[13] A1
[51] **Int.Cl. A61K 8/38 (2006.01) A61K 8/22 (2006.01) A61K 8/46 (2006.01) A61K 8/49 (2006.01) A61Q 11/02 (2006.01)**
[25] EN
[54] **HYDROGEN PEROXIDE BOOSTER SYSTEM FOR ENHANCED TEETH WHITENING**
[54] **SYSTEME D'INTENSIFICATION DE PEROXYDE D'HYDROGENE POUR BLANCHIMENT DES DENTS AMELIORE**
[72] DOGO-ISONAGIE, CAJETAN, US
[72] XU, GUOFENG, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-05-28
[86] 2015-12-17 (PCT/US2015/066292)
[87] (WO2017/105456)

[21] **3,006,548**
[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **OPHTHALMIC RELAXING INCISIONS AND ASSOCIATED DEVICES AND SYSTEMS**
[54] **INCISIONS DE RELACHEMENT OPHTALMIQUE ET DISPOSITIFS ET SYSTEMES ASSOCIES**
[72] RAKSI, FERENC, US
[71] NOVARTIS AG, CH
[85] 2018-05-28
[86] 2016-12-13 (PCT/IB2016/057563)
[87] (WO2017/103774)
[30] US (14/973,117) 2015-12-17

[21] **3,006,550**
[13] A1
[51] **Int.Cl. G06Q 20/20 (2012.01) B62B 5/00 (2006.01)**
[25] EN
[54] **SMART CART FOR SELF-CHECKOUT OF RETAIL MERCHANDISE**
[54] **CHARIOT INTELLIGENT POUR AUTO-VERIFICATION D'ARTICLES DE VENTE AU DETAIL**
[72] DODIA, SAGAR N., US
[71] WALMART APOLLO, LLC, US
[85] 2018-05-28
[86] 2016-11-21 (PCT/US2016/063014)
[87] (WO2017/095673)
[30] US (62/262,825) 2015-12-03
[30] US (62/405,307) 2016-10-07

[21] **3,006,551**
[13] A1
[51] **Int.Cl. F16L 23/032 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A FLANGE BLANK AND FOR PRODUCING A FLANGE**
[54] **PROCEDE DE FABRICATION D'UNE EBAUCHE DE FLASQUE ET FLASQUE**
[72] ENDE, RALF, DE
[72] STACHOWITZ, FRANK, DE
[72] KEMPF, PETER, DE
[72] POHL, MATTHIAS, DE
[71] MINIMAX GMBH & CO. KG, DE
[85] 2018-05-28
[86] 2016-11-30 (PCT/EP2016/079180)
[87] (WO2017/093275)
[30] DE (10 2015 223 874.1) 2015-12-01

---

[21] **3,006,552**
[13] A1
[51] **Int.Cl. A61K 8/21 (2006.01) A61K 8/34 (2006.01) A61K 8/73 (2006.01) A61K 8/92 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR DENTAL VARNISHES AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS POUR VERNIS DENTAIRES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] MORGAN, ANDRE MICHELLE, US
[72] MELLO, SARITA VERA, US
[72] GEORGES, MARIAN, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-05-28
[86] 2015-12-18 (PCT/US2015/066583)
[87] (WO2017/105478)

---

[21] **3,006,553**
[13] A1
[51] **Int.Cl. G03H 1/00 (2006.01) G03H 1/04 (2006.01) G03H 1/22 (2006.01) G03H 1/26 (2006.01)**
[25] EN
[54] **METHOD OF CALIBRATION FOR HOLOGRAPHIC ENERGY DIRECTING SYSTEMS**
[54] **PROCEDE D'ETALONNAGE POUR SYSTEMES DE DIRECTION D'ENERGIE HOLOGRAPHIQUE**
[72] BEVENSEE, BRENDAN ELWOOD, US
[72] KARAFIN, JONATHAN SEAN, US
[71] LIGHT FIELD LAB, INC., US
[85] 2018-05-25
[86] 2017-07-18 (PCT/US2017/042679)
[87] (WO2018/014049)
[30] US (62/362,602) 2016-07-15
[30] US (62/366,076) 2016-07-24
[30] US (62/507,500) 2017-05-17
[30] US (PCT/US2017/042275) 2017-07-14
[30] US (PCT/US2017/042276) 2017-07-14

---

[21] **3,006,555**
[13] A1
[51] **Int.Cl. F03D 80/00 (2016.01) F03D 13/20 (2016.01) F03D 80/60 (2016.01) H02B 13/025 (2006.01)**
[25] EN
[54] **WIND TURBINE AND COOLING DEVICE FOR A WIND TURBINE**
[54] **EOLIENNE ET DISPOSITIF DE REFROIDISSEMENT D'UNE EOLIENNE**
[72] KONITZ, MALTE, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-05-28
[86] 2016-12-23 (PCT/EP2016/082559)
[87] (WO2017/114787)
[30] DE (10 2015 122 855.6) 2015-12-28

---

[21] **3,006,556**
[13] A1
[51] **Int.Cl. G02B 26/08 (2006.01) G02B 27/18 (2006.01) G02F 1/29 (2006.01) G03B 21/00 (2006.01)**
[25] EN
[54] **PROJECTION AND/OR WAVEGUIDE ARRANGEMENTS FOR A SOFTWARE CONFIGURABLE LIGHTING DEVICE**
[54] **AGENCEMENTS DE PROJECTION ET/OU DE GUIDE D'ONDES POUR UN DISPOSITIF D'ECLAIRAGE CONFIGURABLE PAR LOGICIEL**
[72] KOMANDURI, RAVI KUMAR, US
[72] LIN, GUAN-BO, US
[71] ABL IP HOLDING LLC, US
[85] 2018-05-28
[86] 2016-11-29 (PCT/US2016/063942)
[87] (WO2017/095789)
[30] US (62/262,071) 2015-12-02

---

[21] **3,006,557**
[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) G06F 3/0484 (2013.01)**
[25] EN
[54] **WELDING SYSTEM USER INTERFACE HAVING A COLOR DISPLAY FOR SETTING WELDING PARAMETERS**
[54] **INTERFACE UTILISATEUR DE SYSTEME DE SOUDAGE POSSEDANT UN ECRAN COULEUR POUR REGLER DES PARAMETRES DE SOUDAGE**
[72] KNOENER, CRAIG STEVEN, US
[71] ILLNOIS TOOL WORKS INC., US
[85] 2018-05-28
[86] 2016-12-13 (PCT/US2016/066330)
[87] (WO2017/106164)
[30] US (62/267,720) 2015-12-15
[30] US (15/362,355) 2016-11-28

[21] **3,006,559**
[13] A1
[51] **Int.Cl. B32B 5/02 (2006.01) B32B 9/00 (2006.01) B32B 9/04 (2006.01) B32B 15/08 (2006.01) B32B 27/10 (2006.01) B32B 27/12 (2006.01)**
[25] EN
[54] **SURFACING MATERIALS FOR COMPOSITE STRUCTURES**
[54] **MATERIAUX DE REVETEMENT POUR STRUCTURES COMPOSITES**
[72] SANG, JUNJIE JEFFREY, US
[72] KOHLI, DALIP KUMAR, US
[72] MULLERY, KEVIN R., US
[71] CYTEC INDUSTRIES INC., US
[85] 2018-05-28
[86] 2016-11-29 (PCT/US2016/064002)
[87] (WO2017/095810)
[30] US (62/260,824) 2015-11-30

---

[21] **3,006,560**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G02B 27/22 (2018.01)**
[25] EN
[54] **MULTIBEAM DIFFRACTION GRATING-BASED HEAD-UP DISPLAY**
[54] **VISIOCASQUE BASE SUR UN RESEAU DE DIFFRACTION A FAISCEAUX MULTIPLES**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2018-05-28
[86] 2016-01-16 (PCT/US2016/013759)
[87] (WO2017/123259)

---

[21] **3,006,561**
[13] A1
[51] **Int.Cl. E02D 31/00 (2006.01)**
[25] EN
[54] **MEMBRANE**
[54] **MEMBRANE**
[72] CROWTHER, JON, GB
[71] SENSOR (UK) LTD, GB
[85] 2018-05-28
[86] 2016-11-08 (PCT/GB2016/053487)
[87] (WO2017/081451)
[30] GB (1519889.8) 2015-11-11
[30] GB (1604323.4) 2016-03-14

---

[21] **3,006,562**
[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/12 (2006.01)**
[25] EN
[54] **SMART HUB FOR A WELDING ELECTRODE FEEDER**
[54] **MOYEU INTELLIGENT DESTINE A UN DISPOSITIF D'ALIMENTATION D'ELECTRODE DE SOUDURE**
[72] BARHORST, STEVEN EDWARD, US
[72] HSU, CHRISTOPHER, US
[71] HOBART BROTHERS COMPANY, US
[85] 2018-05-28
[86] 2016-12-13 (PCT/US2016/066325)
[87] (WO2017/106162)
[30] US (14/968,452) 2015-12-14

---

[21] **3,006,563**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR OTOLOGIC PROPHYLAXIS AND TREATMENT**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT ET DE PROPHYLAXIE OTOLOGIQUE**
[72] TURKEL, CATHERINE CRISP, US
[72] MAUTONE, ALAN J., US
[72] CHANDRASEKHAR, SUJANA S., US
[72] FLESHER, GREGORY J., US
[71] OTIC PHARMA INC., US
[85] 2018-05-28
[86] 2016-11-30 (PCT/US2016/064190)
[87] (WO2017/095905)
[30] US (62/260,742) 2015-11-30
[30] US (62/260,732) 2015-11-30
[30] US (62/260,734) 2015-11-30

---

[21] **3,006,564**
[13] A1
[51] **Int.Cl. A21C 11/10 (2006.01) A23P 30/20 (2016.01) A23P 30/25 (2016.01) A21C 9/06 (2006.01) A21C 11/04 (2006.01) B29C 43/40 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CRIMPING AND CUTTING POUCHED DOUGH PRODUCTS**
[54] **PROCEDE ET APPAREIL DE GAUFRAGE ET DE DECOUPE DE PRODUITS DE PATE ENSACHES**
[72] WEINSTEIN, JAMES, US
[71] GENERAL MILLS, INC., US
[85] 2018-05-28
[86] 2016-03-14 (PCT/US2016/022281)
[87] (WO2017/160267)

---

[21] **3,006,565**
[13] A1
[51] **Int.Cl. A61F 13/20 (2006.01) A61K 9/00 (2006.01) A61L 15/22 (2006.01)**
[25] EN
[54] **DISSOLVABLE NASAL SINUS SPONGE**
[54] **EPONGE POUR SINUS NASAUX POUVANT ETRE DISSOUTE**
[72] SHERMAN, ETHAN G., US
[72] CHEN, WEI, US
[72] GUENTHER, DENISE E., US
[71] MEDTRONIC XOMED, INC., US
[85] 2018-05-28
[86] 2016-11-30 (PCT/US2016/064234)
[87] (WO2017/100057)
[30] US (14/962,493) 2015-12-08

---

[21] **3,006,566**
[13] A1
[51] **Int.Cl. B23K 20/12 (2006.01) B23K 20/16 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR FORMING A FRICTION WELD**
[54] **APPAREIL DE FORMATION D'UNE SOUDURE PAR FRICTION**
[72] JACKMAN, STUART, GB
[71] JACKWELD LIMITED, GB
[85] 2018-05-28
[86] 2016-11-30 (PCT/GB2016/053759)
[87] (WO2017/093726)
[30] GB (1521079.2) 2015-11-30

[21] **3,006,567**
[13] A1
[51] **Int.Cl. G06Q 50/22 (2018.01) H04W 4/00 (2018.01) H04W 4/02 (2018.01) G01S 19/01 (2010.01)**
[25] EN
[54] **MOBILE HEALTH DEVICE AND METHOD FOR DETERMINING PATIENT TERRITORY AS A DIGITAL BIOMARKER WHILE PRESERVING PATIENT PRIVACY**
[54] **DISPOSITIF DE SANTE MOBILE ET PROCEDE DE DETERMINATION DE TERRITOIRE DE PATIENT EN TANT QUE BIOMARQUEUR NUMERIQUE TOUT EN PRESERVANT LA CONFIDENTIALITE DES PATIENTS**
[72] DE VRIES, GLEN, US
[72] ELASHOFF, BARBARA, US
[71] MEDIDATA SOLUTIONS, INC., US
[85] 2018-05-28
[86] 2016-08-26 (PCT/US2016/049020)
[87] (WO2017/095488)
[30] US (14/954,021) 2015-11-30

---

[21] **3,006,568**
[13] A1
[51] **Int.Cl. A23G 1/32 (2006.01) A23G 3/32 (2006.01)**
[25] EN
[54] **CRUMB CHOCOLATE FLAVOR COMPOSITIONS**
[54] **COMPOSITIONS D'AROME DE CHOCOLAT EN MIETTES**
[72] FRICKE, KRISTINA, DE
[72] SCHIEBERLE, PETER, DE
[72] MUNAFO, JOHN P., US
[72] DIDZBALIS, JOHN, US
[71] MARS, INCORPORATED, US
[85] 2018-05-28
[86] 2016-12-01 (PCT/US2016/064473)
[87] (WO2017/096077)
[30] US (62/261,800) 2015-12-01

---

[21] **3,006,569**
[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) C12N 5/071 (2010.01) C07K 16/00 (2006.01) C12N 15/00 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **ASSAYS FOR THE DETECTION OF AAV NEUTRALIZING ANTIBODIES**
[54] **DOSAGES POUR LA DETECTION D'ANTICORPS NEUTRALISANTS DE VAA**
[72] NOVOBRANTSEVA, TATIANA I., US
[72] SAH, DINAH WEN-YEE, US
[71] VOYAGER THERAPEUTICS, INC., US
[85] 2018-05-28
[86] 2016-12-02 (PCT/US2016/064616)
[87] (WO2017/096162)
[30] US (62/262,174) 2015-12-02
[30] US (62/417,631) 2016-11-04

---

[21] **3,006,570**
[13] A1
[51] **Int.Cl. E04H 17/10 (2006.01)**
[25] EN
[54] **FENCING SYSTEM**
[54] **SYSTEME DE CLOTURE**
[72] DURHAM, CHRISTOPHER JOHN WALTER, GB
[71] HAMPTON STEEL LIMITED, GB
[85] 2018-05-28
[86] 2017-01-19 (PCT/GB2017/050119)
[87] (WO2017/125736)
[30] GB (1600991.2) 2016-01-19

---

[21] **3,006,571**
[13] A1
[51] **Int.Cl. F16C 33/78 (2006.01) E21B 33/08 (2006.01) F16J 15/44 (2006.01)**
[25] EN
[54] **ROTATING CONTROL DEVICE HAVING A PARTITION SEAL ASSEMBLY**
[54] **DISPOSITIF DE COMMANDE ROTATIF COMPRENANT UN ENSEMBLE JOINT DE DIVISION**
[72] REINHARDT, PAUL ANDREW, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2018-05-28
[86] 2016-10-04 (PCT/US2016/055313)
[87] (WO2017/105587)
[30] US (14/969,153) 2015-12-15

---

[21] **3,006,572**
[13] A1
[51] **Int.Cl. F25B 1/10 (2006.01)**
[25] EN
[54] **POSITIVE-DISPLACEMENT COMPRESSOR, TWO-STAGE COMPRESSOR SYSTEM, AND CONTROL METHOD THEREOF**
[54] **COMPRESSEUR VOLUMETRIQUE, SYSTEME DE COMPRESSEUR A DEUX ETAGES, ET PROCEDE DE COMMANDE DE CELUI-CI**
[72] ZHAO, HUAN, CN
[72] SHEN, JUN, CN
[72] TAN, FENG, CN
[72] LIANG, YOUXUAN, CN
[72] LI, PENGFEI, CN
[71] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
[85] 2018-05-28
[86] 2016-10-19 (PCT/CN2016/102575)
[87] (WO2017/113938)
[30] CN (201511017313.9) 2015-12-28

---

[21] **3,006,573**
[13] A1
[51] **Int.Cl. A23K 20/147 (2016.01) A23K 20/163 (2016.01) A23L 29/30 (2016.01) A23L 33/19 (2016.01)**
[25] EN
[54] **HYDRATION FOR ANIMALS**
[54] **HYDRATATION POUR ANIMAUX**
[72] ZANGHI, BRIAN M, US
[71] NESTEC S.A., CH
[85] 2018-05-28
[86] 2016-12-08 (PCT/IB2016/057428)
[87] (WO2017/103742)
[30] US (62/269,185) 2015-12-18

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[21] **3,006,574**
[13] A1
[51] **Int.Cl. C22C 1/04 (2006.01) B22F 3/24 (2006.01) C22C 19/05 (2006.01) C22F 1/10 (2006.01)**
[25] EN
[54] **METHODS FOR PROCESSING NICKEL-BASE ALLOYS**
[54] **PROCEDES DE TRAITEMENT D'ALLIAGES A BASE DE NICKEL**
[72] BOCKENSTEDT, KEVIN, US
[72] MINISANDRAM, RAMESH S., US
[71] ATI PROPERTIES LLC, US
[85] 2018-05-28
[86] 2016-12-06 (PCT/US2016/065095)
[87] (WO2017/100169)
[30] US (14/961,178) 2015-12-07

[21] **3,006,576**
[13] A1
[51] **Int.Cl. A61K 31/506 (2006.01) A61K 8/14 (2006.01) A61K 8/34 (2006.01) A61K 8/365 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61K 8/73 (2006.01) A61K 9/00 (2006.01) A61K 47/14 (2017.01) A61P 17/14 (2006.01) A61Q 7/00 (2006.01)**
[25] EN
[54] **HAIR GROWTH COMPOSITION AND METHOD**
[54] **COMPOSITION ET PROCEDE VISANT A FAVORISER LA POUSSE DES CHEVEUX**
[72] WU, JEFFREY M., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2018-05-28
[86] 2016-12-22 (PCT/US2016/068185)
[87] (WO2017/116937)
[30] US (62/271,405) 2015-12-28
[30] US (15/387,634) 2016-12-21

[21] **3,006,577**
[13] A1
[51] **Int.Cl. F26B 3/092 (2006.01) F26B 17/04 (2006.01) F26B 21/00 (2006.01) F26B 25/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE CONTROLLED CONVEYANCE OF A WORKPIECE THROUGH A FLUIDIZED BED DRYER**
[54] **PROCEDE ET APPAREIL POUR LE TRANSPORT COMMANDE D'UNE PIECE DANS UN SECHOIR A LIT FLUIDISE**
[72] ASHOURIAN, JAMSHID, US
[72] PHELPS, DAVID, US
[72] IMDIEKE, CHRISTOPHER, US
[71] JIMMYASH LLC, US
[71] ASHOURIAN, JAMSHID, US
[71] PHELPS, DAVID, US
[71] IMDIEKE, CHRISTOPHER, US
[85] 2018-05-28
[86] 2016-10-17 (PCT/US2016/057342)
[87] (WO2017/066761)
[30] US (62/241,973) 2015-10-15
[30] US (62/265,473) 2015-12-10

[21] **3,006,578**
[13] A1
[51] **Int.Cl. A61K 31/506 (2006.01) A61K 8/14 (2006.01) A61K 8/34 (2006.01) A61K 8/365 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61K 8/73 (2006.01) A61K 9/00 (2006.01) A61K 47/14 (2017.01) A61P 17/14 (2006.01) A61Q 7/00 (2006.01)**
[25] EN
[54] **HAIR GROWTH COMPOSITION AND METHOD**
[54] **COMPOSITION ET PROCEDE POUR LA POUSSE DES CHEVEUX**
[72] WU, JEFFREY M., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2018-05-28
[86] 2016-12-22 (PCT/US2016/068188)
[87] (WO2017/116938)
[30] US (62/271,405) 2015-12-28
[30] US (15/387,637) 2016-12-21

[21] **3,006,579**
[13] A1
[51] **Int.Cl. B23K 9/10 (2006.01) H02M 3/335 (2006.01)**
[25] EN
[54] **CONSTANT CURRENT CONTROL SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE COMMANDE A COURANT CONSTANT**
[72] MANTHE, ALAN ADAM, US
[72] KNOENER, CRAIG STEVEN, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-05-28
[86] 2016-12-29 (PCT/US2016/069087)
[87] (WO2017/117336)
[30] US (62/274,117) 2015-12-31
[30] US (62/286,764) 2016-01-25
[30] US (15/137,793) 2016-04-25

[21] **3,006,580**
[13] A1
[51] **Int.Cl. F17C 1/06 (2006.01)**
[25] EN
[54] **PRESSURE VESSEL DOME VENTS**
[54] **SORTIES D'AIR DE DOME DE CUVE SOUS PRESSION**
[72] MORGAN, DAVID NEIL, US
[71] HEXAGON TECHNOLOGY AS, NO
[85] 2018-05-28
[86] 2016-12-07 (PCT/US2016/065307)
[87] (WO2017/105953)
[30] US (62/268,342) 2015-12-16
[30] US (15/363,013) 2016-11-29

[21] **3,006,581**
[13] A1
[51] **Int.Cl. A61K 31/506 (2006.01) A61K 8/14 (2006.01) A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61K 8/49 (2006.01) A61K 9/00 (2006.01) A61K 47/14 (2017.01) A61P 17/14 (2006.01) A61Q 7/00 (2006.01)**
[25] EN
[54] **HAIR GROWTH COMPOSITION AND METHOD**
[54] **COMPOSITION ET PROCEDE POUR LA CROISSANCE DES CHEVEUX**
[72] WU, JEFFREY M., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2018-05-28
[86] 2016-12-22 (PCT/US2016/068191)
[87] (WO2017/116940)
[30] US (62/271,405) 2015-12-28
[30] US (15/387,643) 2016-12-21

[21] **3,006,582**
[13] A1
[51] **Int.Cl. G01V 3/10 (2006.01)**
[25] EN
[54] **SOIL SENSOR**
[54] **CAPTEUR DE SOL**
[72] PREGESBAUER, MICHAEL, AT
[71] GEOPROSPECTORS GMBH, AT
[85] 2018-05-28
[86] 2016-07-25 (PCT/EP2016/067651)
[87] (WO2017/092885)
[30] AT (A51039/2015) 2015-12-02

[21] **3,006,583**
[13] A1
[51] **Int.Cl. G01B 11/25 (2006.01) G06T 7/50 (2017.01)**
[25] EN
[54] **DEPTH MAP GENERATION IN STRUCTURED LIGHT SYSTEM**
[54] **GENERATION DE CARTE DE PROFONDEUR DANS UN SYSTEME A LUMIERE STRUCTUREE**
[72] NASH, JAMES WILSON, US
[72] ATANASSOV, KALIN MITKOV, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-05-28
[86] 2016-10-31 (PCT/US2016/059703)
[87] (WO2017/119941)
[30] US (62/274,600) 2016-01-04
[30] US (15/147,736) 2016-05-05

[21] **3,006,584**
[13] A1
[51] **Int.Cl. G06T 7/285 (2017.01) G06T 7/246 (2017.01) G06T 7/73 (2017.01) G06T 7/90 (2017.01) G03B 15/16 (2006.01) G06F 3/01 (2006.01) G06K 9/00 (2006.01) G06K 9/32 (2006.01) H04N 5/222 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL TRACKING PATTERN**
[54] **SYMBOLE DE POURSUITE MULTI-CANAL**
[72] LEVIN, JOHN, US
[71] LUCASFILM ENTERTAINMENT COMPANY LTD., US
[85] 2018-05-28
[86] 2016-12-07 (PCT/US2016/065411)
[87] (WO2017/105964)
[30] US (62/268,450) 2015-12-16
[30] US (15/041,946) 2016-02-11

[21] **3,006,586**
[13] A1
[51] **Int.Cl. E21B 33/10 (2006.01) E21B 33/12 (2006.01) E21B 34/06 (2006.01) E21B 34/10 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR A FRAC SLEEVE**
[54] **PROCEDES ET SYSTEMES POUR MANCHON DE FRACTURATION**
[72] SARAYA, MOHAMED, US
[71] VERTICE OIL TOOLS, US
[85] 2018-05-28
[86] 2016-12-22 (PCT/US2016/068315)
[87] (WO2017/171951)
[30] US (14/987,559) 2016-04-01

[21] **3,006,587**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 20/36 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING BLOCK CHAIN-BASED MULTIFACTOR PERSONAL IDENTITY VERIFICATION**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'UNE VERIFICATION D'IDENTITE PERSONNELLE MULTIFACTORIELLE BASEE SUR UNE CHAINE DE BLOCS**
[72] ANDRADE, MARCUS, US
[71] BLACK GOLD COIN, INC., US
[85] 2018-05-25
[86] 2016-03-29 (PCT/US2016/024776)
[87] (WO2017/171733)
[30] US (15/083,241) 2016-03-28

[21] **3,006,588**
[13] A1
[51] **Int.Cl. A61K 8/891 (2006.01) A61K 8/23 (2006.01) A61K 8/81 (2006.01) A61K 8/86 (2006.01) A61Q 11/02 (2006.01)**
[25] EN
[54] **ORAL CARE WHITENING COMPOSITIONS**
[54] **COMPOSITIONS DE BLANCHIMENT POUR L'HYGIENE BUCCALE**
[72] ROBBINS, KYLE, US
[72] LAVENDER, STACEY, US
[72] NESTA, JASON, US
[72] XU, GUOFENG, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-05-28
[86] 2016-12-12 (PCT/US2016/066070)
[87] (WO2017/106067)
[30] US (14/972,649) 2015-12-17

[21] **3,006,589**
[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/10 (2018.01) C07K 14/415 (2006.01)**
[25] EN
[54] **COLD-TOLERANT PLANT**
[54] **PLANTE TOLERANTE AU FROID**
[72] OUZUNOVA, MILENA, DE
[72] PRESTERL, THOMAS, DE
[72] KNAAK, CARSTEN, DE
[72] SCHEUERMANN, DANIELA, DE
[72] URBANY, CLAUDE, DE
[72] WESTHOFF, PETER, DE
[72] PESTSOVA, ELENA, DE
[72] ERNST, KARIN, DE
[71] KWS SAAT SE, DE
[85] 2018-05-28
[86] 2016-11-26 (PCT/EP2016/078920)
[87] (WO2017/089601)
[30] EP (15196721.3) 2015-11-27

[21] **3,006,590**
[13] A1
[51] **Int.Cl. A61M 5/30 (2006.01) A61M 5/145 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A REMOVABLE SYRINGE MICRO PUMP WITH VOLUTE SPRING**
[54] **SYSTEME ET METHODE DE MICROPOMPE DE SERINGUE AMOVIBLE DOTEE D'UN RESSORT A VOLUTE**
[72] SEALFON, ANDREW I., US
[72] GHESHMI, SIAVASH, US
[71] REPRO-MED SYSTEMS, INC., US
[85] 2018-05-25
[86] 2016-10-24 (PCT/US2016/058400)
[87] (WO2017/099894)
[30] US (62/265,830) 2015-12-10
[30] US (15/291,758) 2016-10-12

[21] **3,006,592**
[13] A1
[51] **Int.Cl. H02M 3/158 (2006.01) B23K 9/10 (2006.01) H02M 7/5387 (2007.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EFFICIENT PROVISION OF ARC WELDING POWER SOURCE**
[54] **SYSTEMES ET PROCEDES POUR LA FOURNITURE EFFICACE D'UNE SOURCE D'ALIMENTATION DE SOUDAGE A L'ARC**
[72] SALSICH, ANTHONY VAN BERGEN, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-05-28
[86] 2016-12-22 (PCT/US2016/068401)
[87] (WO2017/117017)
[30] US (62/271,811) 2015-12-28
[30] US (15/386,674) 2016-12-21

---

[21] **3,006,593**
[13] A1
[51] **Int.Cl. C12N 15/75 (2006.01) C12N 15/67 (2006.01)**
[25] EN
[54] **MODIFIED BIDIRECTIONAL CATALASE PROMOTER FROM BACILLUS**
[54] **PROMOTEUR BIDIRECTIONNEL MODIFIE DE LA CATALASE PROVENANT DE BACILLUS**
[72] FELLE, MAX FABIAN, DE
[72] JENEWEIN, STEFAN, DE
[72] HAGE, KERSTIN, DE
[72] HARTMANN, HOLGER, DE
[71] BASF SE, DE
[85] 2018-05-28
[86] 2016-12-08 (PCT/EP2016/080167)
[87] (WO2017/102523)
[30] EP (15199810.1) 2015-12-14

---

[21] **3,006,594**
[13] A1
[51] **Int.Cl. G06F 1/20 (2006.01) F28D 1/047 (2006.01) G11B 33/14 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **FLUID COOLING SYSTEM AND METHOD FOR ELECTRONICS EQUIPMENT**
[54] **SYSTEME ET PROCEDE DE REFROIDISSEMENT PAR FLUIDE POUR EQUIPEMENT ELECTRONIQUE**
[72] MIDGLEY, STUART DAVID, AU
[72] LOMMERS, MARK, AU
[71] DOWNUNDER GEOSOLUTIONS PTY LTD, AU
[85] 2018-05-29
[86] 2016-12-01 (PCT/AU2016/051186)
[87] (WO2017/091862)
[30] AU (2015904999) 2015-12-02

---

[21] **3,006,595**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/04 (2012.01) G05B 19/048 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING MANUFACTURING PARAMETERS**
[54] **SYSTEMES ET PROCEDES POUR ANALYSER DES PARAMETRES DE FABRICATION**
[72] HOLVERSON, TODD EARL, US
[72] KRISHER, CALEB ROBERT, US
[72] PLISKA, ADAM KIRK, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-05-28
[86] 2016-12-22 (PCT/US2016/068407)
[87] (WO2017/117020)
[30] US (62/271,793) 2015-12-28
[30] US (15/383,729) 2016-12-19

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[21] **3,006,596**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ANTI-HULRRC15 ANTIBODY DRUG CONJUGATES AND METHODS FOR THEIR USE**
[54] **CONJUGUES ANTICORPS-MEDICAMENTS ANTI-HULRRC15 ET PROCEDES D'UTILISATION DE CES CONJUGUES**
[72] GISH, KURT C., US
[72] HICKSON, JONATHAN A., US
[72] PURCELL, JAMES W., US
[72] MORGAN-LAPPE, SUSAN ELIZABETH, US
[71] ABBVIE INC., US
[71] ABBVIE BIOTHERAPEUTICS INC., US
[85] 2018-05-25
[86] 2016-11-29 (PCT/US2016/063990)
[87] (WO2017/095805)
[30] US (62/261,092) 2015-11-30
[30] US (62/417,480) 2016-11-04

---

[21] **3,006,597**
[13] A1
[51] **Int.Cl. A61B 18/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ABLATING A TISSUE**
[54] **PROCEDE ET SYSTEME D'ABLATION TISSULAIRE**
[72] JAIS, PIERRE, AU
[72] PRATTEN, PETER, AU
[72] WEERASOORIYA, RUKSHEN, AU
[72] ALAMEH, KAMAL, AU
[71] LAZCATH PTY LTD, AU
[85] 2018-05-29
[86] 2016-12-05 (PCT/AU2016/051195)
[87] (WO2017/091869)
[30] AU (2015905025) 2015-12-03

[21] **3,006,598**
[13] A1
[51] **Int.Cl. C11D 3/50 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **AUTOMATIC DISHWASHING COMPOSITION**
[54] **COMPOSITION POUR LAVE-VAISSELLE AUTOMATIQUE**
[72] SOUTER, PHILIP FRANK, GB
[72] BROOKER, ALAN THOMAS, GB
[72] SOMERVILLE-ROBERTS, NIGEL PATRICK, GB
[72] CUNNINGHAM, PHILIP ANDREW, BE
[72] PEACOCK, MARTIN JAMES, GB
[72] BEWICK, LINDSAY SUZANNE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-05-28
[86] 2016-12-15 (PCT/US2016/066768)
[87] (WO2017/112500)
[30] EP (15202207.5) 2015-12-22

---

[21] **3,006,599**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7115 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING LRRK2 EXPRESSION**
[54] **PROCEDES POUR REDUIRE L'EXPRESSION DE LRRK2**
[72] ZHAO, HIEN THUY, US
[72] KORDASIEWICZ, HOLLY, US
[71] IONIS PHARMACEUTICALS, INC., US
[85] 2018-05-28
[86] 2017-01-05 (PCT/US2017/012374)
[87] (WO2017/120365)
[30] US (62/275,121) 2016-01-05
[30] US (62/424,346) 2016-11-18

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[21] **3,006,600**
[13] A1
[51] **Int.Cl. D04H 1/4266 (2012.01) D04H 1/4374 (2012.01) D04H 1/492 (2012.01) D04H 1/498 (2012.01) D04H 3/105 (2012.01) D04H 5/03 (2012.01) D04H 1/46 (2012.01) D21F 11/00 (2006.01) D21H 21/24 (2006.01) D21H 21/56 (2006.01) D21H 27/00 (2006.01) D21H 27/34 (2006.01) D21H 27/36 (2006.01) D21H 27/42 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING NONWOVEN WITH IMPROVED SURFACE PROPERTIES**
[54] **PROCEDE DE FABRICATION DE NON-TISSE PRESENTANT DES PROPRIETES DE SURFACE AMELIOREES**
[72] STRANDQVIST, MIKAEL, SE
[72] AHONIEMI, HANNU, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2018-05-29
[86] 2015-12-01 (PCT/EP2015/078152)
[87] (WO2017/092791)

---

[21] **3,006,601**
[13] A1
[51] **Int.Cl. C02F 1/461 (2006.01) C25B 9/06 (2006.01) C25B 11/02 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL CELL FOR WASTEWATER TREATMENT WITH INCREASED REMOVAL RATES OF POLLUTANTS**
[54] **CELLULE ELECTROCHIMIQUE POUR TRAITEMENT D'EAUX USEES AVEC TAUX D'ELIMINATION DE POLLUANTS ACCRUS**
[72] HARVEY, DAVID, CA
[72] JAYASANKAR, BARATH, CA
[72] WOOD, BRENDAN, CA
[72] LEUNG, VICTOR, CA
[72] SPARICA, GORAN, CA
[72] LEBEL, THIERRY, CA
[72] BELLEMARE-DAVIS, ALEXANDER, CA
[71] AXINE WATER TECHNOLOGIES INC., CA
[85] 2018-05-28
[86] 2017-01-13 (PCT/US2017/013469)
[87] (WO2017/123969)
[30] US (62/279,631) 2016-01-15

---

[21] **3,006,602**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING DEVICE WITH SEALED COMPARTMENT**
[54] **DISPOSITIF GENERATEUR D'AEROSOL COMPORTANT UN COMPARTIMENT ETANCHE**
[72] BESSANT, MICHEL, CH
[72] GOLAY, LAURENT, CH
[72] KESICI, OMER, CH
[72] RICKETTS, NIKOLAUS MARTIN ERNEST WILHELM, CH
[72] SEYDOUX, LAURENT, CH
[72] TABASSO, ALAIN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-28
[86] 2016-12-14 (PCT/EP2016/081057)
[87] (WO2017/118553)
[30] EP (16150488.1) 2016-01-07

---

[21] **3,006,603**
[13] A1
[51] **Int.Cl. B01J 31/22 (2006.01)**
[25] EN
[54] **PRECATALYSTS AND PROCESS FOR THE METAL-FREE FUNCTIONALIZATION OF SP2 CARBONS USING THE SAME**
[54] **PRE-CATALYSEURS ET PROCEDE POUR LA FONCTIONNALISATION SANS METAL DE CARBONES SP2 L'UTILISANT**
[72] FONTAINE, FREDERIC-GEORGES, CA
[72] LEGARE, MARC-ANDRE, CA
[72] ROCHETTE, ETIENNE, CA
[71] UNIVERSITE LAVAL, CA
[85] 2018-05-29
[86] 2016-12-15 (PCT/CA2016/000318)
[87] (WO2017/100904)
[30] US (62/267,637) 2015-12-15

[21] **3,006,604**
[13] A1
[51] **Int.Cl. A61B 18/02 (2006.01) F25D 16/00 (2006.01) F25J 1/00 (2006.01)**
[25] EN
[54] **RECOVERY SYSTEM FOR N20**
[54] **SYSTEME DE RECUPERATION POUR N20**
[72] MAHROUCHE, RACHID, CA
[72] MONGER, ERIC, CA
[72] TZONEV, VLADIMIR, CA
[71] MEDTRONIC CRYOCATH LP, CA
[85] 2018-05-29
[86] 2017-01-25 (PCT/CA2017/050074)
[87] (WO2017/132753)
[30] US (15/012,341) 2016-02-01

---

[21] **3,006,605**
[13] A1
[51] **Int.Cl. C08L 23/12 (2006.01) C08L 3/02 (2006.01) C08L 23/06 (2006.01)**
[25] EN
[54] **PRODUCT AND METHOD FOR A PLASTIC BAG OR PLASTIC COMPOSITION COMPRISING INORGANIC MINERALS**
[54] **PRODUIT ET PROCEDE POUR SAC PLASTIQUE OU COMPOSITION DE PLASTIQUE CONTENANT DES MINERAUX INORGANIQUES**
[72] KOHN, STEVE, US
[71] KOHN, STEVE, US
[85] 2018-05-28
[86] 2016-12-15 (PCT/US2016/067035)
[87] (WO2017/106565)
[30] US (62/386,895) 2015-12-15
[30] US (62/387,102) 2015-12-21
[30] US (15/093,187) 2016-04-07
[30] US (62/322,844) 2016-04-15

---

[21] **3,006,606**
[13] A1
[51] **Int.Cl. A47J 36/02 (2006.01)**
[25] EN
[54] **VESSEL COMPRISING A THERMOCHROMIC INDICATOR COATING**
[54] **RECIPIENT AVEC REVETEMENT INDICATEUR THERMOCHROMIQUE**
[72] EBBEKE, HELGE, DE
[71] FISSLER GMBH, DE
[85] 2018-05-29
[86] 2016-09-23 (PCT/EP2016/072661)
[87] (WO2017/102123)
[30] DE (10 2015 122 203.5) 2015-12-18

---

[21] **3,006,607**
[13] A1
[51] **Int.Cl. C12N 9/26 (2006.01)**
[25] EN
[54] **ENZYME VARIANTS AND POLYNUCLEOTIDES ENCODING THE SAME**
[54] **VARIANTS D'ENZYMES ET POLYNUCLEOTIDES CODANT POUR CES VARIANTS**
[72] REGUEIRA, TORSTEN BAK, DK
[72] PLESNER, BITTEN, DK
[72] BLICHER, THOMAS HOLBERG, DK
[72] HOUG, ANNE DORTE, DK
[72] ARNEHED, SOFIA, DK
[72] CHRISTENSEN, LARS LEHMANN HYLLING, DK
[72] ANDERSEN, CARSTEN, DK
[71] NOVOZYMES A/S, DK
[85] 2018-05-29
[86] 2016-12-29 (PCT/EP2016/082828)
[87] (WO2017/114891)
[30] EP (15203051.6) 2015-12-30
[30] EP (16168114.3) 2016-05-03

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[21] **3,006,608**
[13] A1
[51] **Int.Cl. H01F 27/28 (2006.01) H01F 41/063 (2016.01) H01F 41/084 (2016.01)**
[25] EN
[54] **WINDING ARRANGEMENT**
[54] **ENSEMBLE ENROULEMENT**
[72] SILLE, RICHARD, DE
[72] MAI, TIM-FELIX, DE
[72] WEINERT, STEFFEN, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-05-29
[86] 2016-11-23 (PCT/EP2016/078500)
[87] (WO2017/102269)
[30] DE (10 2015 226 097.6) 2015-12-18

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[21] **3,006,609**
[13] A1
[51] **Int.Cl. A61K 8/81 (2006.01) A61K 8/22 (2006.01) A61K 8/891 (2006.01) A61Q 11/02 (2006.01)**
[25] EN
[54] **TOOTH WHITENING COMPOSITIONS COMPRISING PEROXIDE COMPLEX AND PERCARBONATE SALT**
[54] **COMPOSITIONS DE BLANCHIMENT DES DENTS COMPRENANT UN COMPLEXE DE PEROXYDE ET DU SEL DE PERCARBONATE**
[72] EVANS, LAUREN, US
[72] HASSAN, MAHMOUD, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-05-28
[86] 2016-12-16 (PCT/US2016/067076)
[87] (WO2017/106588)
[30] US (14/974,723) 2015-12-18

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[21] **3,006,610**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ANTI-HULRRC15 ANTIBODY DRUG CONJUGATES AND METHODS FOR THEIR USE**
[54] **CONJUGUES ANTICORPS-MEDICAMENTS ANTI-HULRRC15 ET PROCEDES D'UTILISATION DE CES CONJUGUES**
[72] GISH, KURT C., US
[72] HICKSON, JONATHAN A., US
[72] PURCELL, JAMES W., US
[72] MORGAN-LAPPE, SUSAN ELIZABETH, US
[71] ABBVIE INC., US
[71] ABBVIE BIOTHERAPEUTICS INC., US
[85] 2018-05-25
[86] 2016-11-29 (PCT/US2016/063998)
[87] (WO2017/095808)
[30] US (62/261,114) 2015-11-30
[30] US (62/417,489) 2016-11-04

[21] **3,006,611**
[13] A1
[51] **Int.Cl. E02D 3/074 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR PROVIDING A PULSING COMPRESSIVE FORCE**
[54] **AGENCEMENT POUR PRODUIRE UNE FORCE DE COMPRESSION PULSEE**
[72] RECHER, LUKAS, CH
[71] AMMANN SCHWEIZ AG, CH
[85] 2018-05-29
[86] 2015-12-03 (PCT/CH2015/000178)
[87] (WO2017/091912)

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[21] **3,006,612**
[13] A1
[51] **Int.Cl. H05B 3/86 (2006.01) H05K 1/02 (2006.01) H05K 1/03 (2006.01) H05K 3/22 (2006.01)**
[25] EN
[54] **METHOD FOR REPAIRING SUBSTRATES HAVING AN ELECTRICALLY CONDUCTIVE COATING AND A LASER CUTTING PATTERN**
[54] **METHODE DE REPARATION DE SUBSTRATS COMPORTANT UN REVETEMENT CONDUCTEUR ELECTRIQUE ET UN MOTIF DE DECOUPE AU LASER**
[72] SCHULZ, VALENTIN, DE
[72] GILLESSEN, STEPHAN, DE
[71] SAINT-GOBAIN GRASS FRANCE, FR
[85] 2018-05-28
[86] 2016-11-03 (PCT/EP2016/076498)
[87] (WO2017/102168)
[30] EP (15200674.8) 2015-12-17

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[21] **3,006,613**
[13] A1
[51] **Int.Cl. C08B 15/00 (2006.01) C08B 15/02 (2006.01) C08B 15/04 (2006.01) C08B 15/05 (2006.01)**
[25] EN
[54] **OPEN CHAIN MODIFIED CELLULOSIC PULPS AND METHODS OF MAKING AND USING THE SAME**
[54] **PATES CELLULOSIQUES MODIFIEES A CHAINE OUVERTE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] NONNI, ARTHUR J., US
[72] KEOUGH, JAMES M., US
[72] COURCHENE, CHARLES E., US
[72] BARTGES, HARRY R., US
[72] CARTER, BLAIR R., US
[71] GP CELLULOSE GMBH, CH
[85] 2018-05-25
[86] 2016-11-30 (PCT/US2016/064053)
[87] (WO2017/095831)
[30] US (62/261,541) 2015-12-01

---

[21] **3,006,614**
[13] A1
[51] **Int.Cl. A61B 17/221 (2006.01)**
[25] EN
[54] **A CLOT RETRIEVAL DEVICE FOR REMOVING OCCLUSIVE CLOT FROM A BLOOD VESSEL**
[54] **DISPOSITIF D'ELIMINATION DE CAILLOT POUR ELIMINER UN CAILLOT OCCLUSIF D'UN VAISSEAU SANGUIN**
[72] VALE, DAVID, IE
[72] CASEY, BRENDAN, IE
[72] GILVARRY, MICHAEL, IE
[72] O'GORMAN, JACQUELINE, IE
[72] KING, DANIEL, IE
[72] MCARDLE, KEVIN, IE
[72] FAHY, BRIAN, IE
[71] NEURAVI LIMITED, IE
[85] 2018-05-24
[86] 2016-11-23 (PCT/EP2016/078595)
[87] (WO2017/089424)
[30] US (62/259,976) 2015-11-25
[30] US (14/952,202) 2015-11-25
[30] US (62/342,012) 2016-05-26

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[21] **3,006,615**
[13] A1
[51] **Int.Cl. F16L 23/00 (2006.01) F04D 29/60 (2006.01) F16L 23/036 (2006.01) F16L 25/12 (2006.01)**
[25] EN
[54] **A PIPE CONNECTOR AND A PIPE CONNECTOR UNIT**
[54] **RACCORD DE TUYAU ET UNITE DE RACCORD DE TUYAU**
[72] NORDEMO, STEFAN, SE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
[85] 2018-05-29
[86] 2016-11-24 (PCT/EP2016/078621)
[87] (WO2017/093104)
[30] EP (15197068.8) 2015-11-30

---

[21] **3,006,616**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/24 (2006.01)**
[25] EN
[54] **AUTO INJECTOR WITH CARTRIDGE LOCKING SYSTEM**
[54] **AUTO-INJECTEUR AVEC SYSTEME DE VERROUILLAGE DE CARTOUCHE**
[72] JACOBSEN, THORBEN KVISGAARD, DK
[72] OLESEN, JAN, DK
[71] ASCENDIS PHARMA A/S, DK
[85] 2018-05-28
[86] 2016-12-29 (PCT/EP2016/082855)
[87] (WO2017/114906)
[30] EP (15203137.3) 2015-12-30
[30] EP (15203132.4) 2015-12-30

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[21] **3,006,617**
[13] A1
[51] **Int.Cl. C12Q 1/37 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IDENTIFICATION OF PROTEASE SUBSTRATES**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION DE SUBSTRAT DE PROTEASE**
[72] LYAMICHEV, VICTOR, US
[72] PATEL, JIGAR, US
[72] SULLIVAN, ERIC, US
[72] GOODRICH, LAUREN, US
[72] KLEIN, CHRISTIAN, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-05-29
[86] 2016-11-29 (PCT/EP2016/079123)
[87] (WO2017/093246)
[30] US (62/261,191) 2015-11-30

[21] **3,006,618**
[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12N 15/113 (2010.01) C12N 9/22 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR TREATMENT OF ALPHA-1 ANTITRYPSIN DEFICIENCY**
[54] **MATERIAUX ET METHODES DE TRAITEMENT D'UNE DEFICIENCE EN ANTITRYPSINE ALPHA-1**
[72] COWAN, CHAD, ALBERT, US
[72] BOGORAD, ROMAN, LVOVITCH, US
[72] LI, JEFFREY, US
[72] LUNDBERG, ANTE, SVEN, US
[72] JOHN, MATTHIAS, JOHANNES, US
[72] STEBBINS, JEFFREY, WILLIAM, US
[72] NGUYEN, THAO, THI, US
[71] CRISPR THERAPEUTICS AG, CH
[85] 2018-05-29
[86] 2016-12-01 (PCT/IB2016/001845)
[87] (WO2017/093804)
[30] US (62/261,661) 2015-12-01
[30] US (62/324,056) 2016-04-18

---

[21] **3,006,619**
[13] A1
[51] **Int.Cl. B32B 15/14 (2006.01) B32B 7/12 (2006.01) B32B 17/04 (2006.01)**
[25] EN
[54] **IMPROVEMENTS TO A FIBER METAL LAMINATE AND A METHOD OF PRODUCTION THEREOF**
[54] **AMELIORATIONS D'UN LAMELLE A FIBRE METALLIQUE ET METHODE DE PRODUCTION ASSOCIEE**
[72] TAHERI, FARID, CA
[71] TAHERI, FARID, CA
[85] 2018-04-18
[86] 2015-12-15 (PCT/CA2015/000602)
[87] (WO2017/100900)

---

[21] **3,006,620**
[13] A1
[51] **Int.Cl. C21D 8/12 (2006.01) C22C 38/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NON-ORIENTED ELECTRICAL STEEL SHEET**
[54] **PROCEDE DE FABRICATION DE TOLE D'ACIER ELECTROMAGNETIQUE NON DIRECTIONNEL**
[72] OKUBO, TOMOYUKI, JP
[72] ZAIZEN, YOSHIAKI, JP
[72] ODA, YOSHIHIKO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-05-28
[86] 2016-10-11 (PCT/JP2016/080072)
[87] (WO2017/098800)
[30] JP (2015-240390) 2015-12-09

---

[21] **3,006,621**
[13] A1
[51] **Int.Cl. A24B 15/12 (2006.01) A24B 15/24 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **TOBACCO COMPOSITION**
[54] **COMPOSITION DE TABAC**
[72] IBRAHIM, HASNOL, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-05-28
[86] 2016-12-07 (PCT/EP2016/080101)
[87] (WO2017/097840)
[30] GB (1521626.0) 2015-12-08

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[21] **3,006,622**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **AUTO INJECTOR WITH TEMPERATURE CONTROL**
[54] **INJECTEUR AUTOMATIQUE A REGULATION DE TEMPERATURE**
[72] PEDERSEN, PER MOLGAARD, DK
[72] JENSEN, STEEN, DK
[72] EGESBORG, HENRIK, DK
[72] ANDERSEN, BJORN KNUD, DK
[71] ASCENDIS PHARMA A/S, DK
[85] 2018-05-28
[86] 2016-12-29 (PCT/EP2016/082857)
[87] (WO2017/114908)
[30] EP (15203168.8) 2015-12-30
[30] EP (16190461.0) 2016-09-23

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[21] **3,006,623**
[13] A1
[51] **Int.Cl. C11D 3/37 (2006.01) B08B 3/04 (2006.01)**
[25] EN
[54] **ENHANCED SOLUBILIZATION USING A COMBINATION OF EXTENDED CHAIN SURFACTANTS**
[54] **AMELIORATION DE LA SOLUBILISATION A L'AIDE D'UNE COMBINAISON DE TENSIOACTIFS A CHAINE ETENDUE**
[72] SMITH, GEORGE A., US
[72] WATKINS, GARY R., US
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2018-05-28
[86] 2017-03-09 (PCT/US2017/021585)
[87] (WO2017/172320)
[30] US (62/316,203) 2016-03-31

[21] **3,006,624**
[13] A1
[51] **Int.Cl. F04C 29/00 (2006.01) F04C 18/16 (2006.01) F04C 29/02 (2006.01) F04C 29/04 (2006.01)**
[25] EN
[54] **METHOD FOR REGULATING THE LIQUID INJECTION OF A COMPRESSOR OR EXPANDER DEVICE, A LIQUID-INJECTED COMPRESSOR OR EXPANDER DEVICE, AND A LIQUID-INJECTED COMPRESSOR OR EXPANDER ELEMENT**
[54] **PROCEDE PERMETTANT DE REGULER L'INJECTION DE LIQUIDE D'UN DISPOSITIF DE COMPRESSEUR OU DE DETENDEUR, DISPOSITIF DE COMPRESSEUR OU DE DETENDEUR A INJECTION DE LIQUIDE ET UN ELEMENTDE COMPRESSEUR OU DE DETENDEUR A INJECTION DE LIQUIDE**
[72] SCHMITZ, CHRISTIAN, BE
[72] DOM, JOHAN JULIA J., BE
[72] PULNIKOV, ALEKSANDR, BE
[72] MOENS, BENJAMIN, BE
[72] DEPREZ, SOFIE, BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2018-05-28
[86] 2016-09-12 (PCT/BE2016/000045)
[87] (WO2017/096439)
[30] US (US62/266,092) 2015-12-11
[30] BE (BE2016/5147) 2016-03-01
[30] US (US62/308,952) 2016-03-16
[30] BE (BE2016/5600) 2016-07-19

[21] **3,006,625**
[13] A1
[51] **Int.Cl. A61K 31/715 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **POLYDEXTROSE FOR THE PREVENTION AND/OR TREATMENT OF HEART FAILURE**
[54] **POLYDEXTROSE POUR LA PREVENTION ET/OU LE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE**
[72] HEYMES, CHRISTOPHE, FR
[72] BURCELIN, REMY, FR
[72] LELOUVIER, BENJAMIN, FR
[72] AMAR, JACQUES, FR
[71] VAIOMER, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[85] 2018-05-28
[86] 2016-11-29 (PCT/EP2016/079091)
[87] (WO2017/093230)
[30] EP (15306893.7) 2015-11-30

[21] **3,006,626**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/31 (2006.01) A61M 5/24 (2006.01)**
[25] EN
[54] **AUTO INJECTOR WITH ADAPTABLE AIR-SHOT MECHANISM**
[54] **AUTO-INJECTEUR A MECANISME ADAPTABLE A AIR COMPRIME**
[72] PEDERSEN, PER MOLGAARD, DK
[72] MADSEN, FLEMMING, DK
[72] POULSEN, SVEN ERIK, DK
[72] JENSEN, STEEN, DK
[72] EGESBORG, HENRIK, DK
[71] ASCENDIS PHARMA A/S, DK
[85] 2018-05-28
[86] 2016-12-29 (PCT/EP2016/082859)
[87] (WO2017/114910)
[30] EP (15203171.2) 2015-12-30

[21] **3,006,627**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **AUTO INJECTOR WITH DETECTION OF USED CARTRIDGE AND ASSOCIATED METHOD**
[54] **AUTO-INJECTEUR A DETECTION DE CARTOUCHE USAGEE ET PROCEDE ASSOCIE**
[72] PEDERSEN, PER MOLGAARD, DK
[72] LIND, MICHAEL, DK
[72] JENSEN, STEEN, DK
[72] EGESBORG, HENRIK, DK
[71] ASCENDIS PHARMA A/S, DK
[85] 2018-05-28
[86] 2016-12-29 (PCT/EP2016/082860)
[87] (WO2017/114911)
[30] EP (15203172.0) 2015-12-30

[21] **3,006,628**
[13] A1
[51] **Int.Cl. F04C 25/02 (2006.01) B01D 46/24 (2006.01) F04C 18/344 (2006.01) F04C 29/12 (2006.01)**
[25] FR
[54] **VACUUM PUMP WITH FILTERING ELEMENT**
[54] **POMPE A VIDE AVEC ELEMENT FILTRANT**
[72] SCHALLER, CHRISTIAN, CH
[72] LAVERSIN, YANNICK, FR
[72] LIPPELT, ERIK, DE
[72] EIBISCH, JAN, DE
[71] ATELIERS BUSCH SA, CH
[85] 2018-05-28
[86] 2016-12-01 (PCT/EP2016/079509)
[87] (WO2017/093441)
[30] EP (PCT/EP2015/078226) 2015-12-01

[21] **3,006,630**
[13] A1
[51] **Int.Cl. H01H 47/32 (2006.01)**
[25] EN
[54] **CIRCUIT ARRANGEMENT FOR OPERATING ELECTROMAGNETIC DRIVE SYSTEMS**
[54] **CIRCUIT PERMETTANT DE FAIRE FONCTIONNER DES SYSTEMES D'ATTAQUE**
[72] THRON, BURKHARD, DE
[72] LASKE, OLAF, DE
[72] NAUMANN, MICHAEL, DE
[71] KNORR-BREMSE POWERTECH GMBH, DE
[71] ELLENBERGER & POENSGEN GMBH, DE
[85] 2018-05-28
[86] 2016-12-05 (PCT/EP2016/079706)
[87] (WO2017/093552)
[30] DE (10 2015 015 580.6) 2015-12-04

---

[21] **3,006,631**
[13] A1
[51] **Int.Cl. C09K 8/58 (2006.01) C09K 3/00 (2006.01) E21B 43/16 (2006.01) F17D 1/16 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR REDUCING THE VISCOSITY OF HEAVY OIL**
[54] **COMPOSITION ET PROCEDE VISANT A REDUIRE LA VISCOSITE D'UNE HUILE LOURDE**
[72] SUNDBERG, KARL ANDERS ARNE, AU
[71] EREBOS ENERGY PTY LTD, AU
[85] 2018-05-10
[86] 2015-11-11 (PCT/AU2015/000685)
[87] (WO2016/074018)
[30] AU (2014904520) 2014-11-11

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[21] **3,006,632**
[13] A1
[51] **Int.Cl. C12N 15/01 (2006.01) A01H 1/06 (2006.01) A01H 3/04 (2006.01) A61K 31/7068 (2006.01) A61L 31/16 (2006.01) C07H 19/06 (2006.01)**
[25] EN
[54] **MOBILISATION OF TRANSPOSABLE ELEMENTS TO ENHANCE GENETIC AND EPIGENETIC VARIABILITY IN A POPULATION**
[54] **MOBILISATION D'ELEMENTS TRANSPOSABLES POUR AMELIORER LA VARIABILITE GENETIQUE ET EPIGENETIQUE CHEZ UNE POPULATION**
[72] BUCHER, ETIENNE, CH
[72] THIEME, MICHAEL, CH
[71] UNIVERSITAT BASEL, CH
[85] 2018-05-29
[86] 2016-11-30 (PCT/EP2016/079276)
[87] (WO2017/093317)
[30] EP (15197663.6) 2015-12-02

---

[21] **3,006,633**
[13] A1
[51] **Int.Cl. A63F 1/12 (2006.01) A63F 1/14 (2006.01)**
[25] EN
[54] **CARD HANDLING DEVICES AND RELATED ASSEMBLIES AND COMPONENTS**
[54] **DISPOSITIFS DE MANIPULATION DE CARTES ET ENSEMBLES ET COMPOSANTS ASSOCIES**
[72] KRENN, PETER, AT
[72] BLAHA, ERNST, AT
[71] SHUFFLE MASTER GMBH & CO KG, AT
[85] 2018-05-29
[86] 2016-12-02 (PCT/EP2016/079630)
[87] (WO2017/093507)
[30] US (14/959,536) 2015-12-04

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[21] **3,006,634**
[13] A1
[51] **Int.Cl. C10L 1/08 (2006.01)**
[25] EN
[54] **AVIATION FUEL COMPOSITION**
[54] **COMPOSITION DE CARBURANT POUR L'AVIATION**
[72] SANDBERG, KATI, FI
[72] KIISKI, ULLA, FI
[71] NESTE CORPORATION, FI
[85] 2018-05-29
[86] 2016-12-14 (PCT/EP2016/080976)
[87] (WO2017/108529)
[30] EP (15201562.4) 2015-12-21

---

[21] **3,006,635**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61L 29/12 (2006.01) B29C 47/06 (2006.01) B29D 23/00 (2006.01)**
[25] EN
[54] **DYNAMIC WALLED TUBING**
[54] **TUBE A PAROIS DYNAMIQUES**
[72] LADUCA, ROBERT C., US
[71] DUKE EMPIRICAL, INC., US
[85] 2017-11-28
[86] 2016-05-31 (PCT/US2016/035094)
[87] (WO2016/196511)
[30] US (62/168,610) 2015-05-29

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[21] **3,006,636**
[13] A1
[51] **Int.Cl. B32B 5/02 (2006.01) B32B 5/06 (2006.01) D06N 7/00 (2006.01) E04F 15/10 (2006.01) E04F 15/16 (2006.01)**
[25] EN
[54] **BARRIER SHEET WITH COATED MESH PROVIDING SKID RESISTANCE AND VAPOR PERMEABILITY**
[54] **FEUILLE DE BARRIERE AVEC MAILLE REVETUE PRODUISANT UNE RESISTANCE AU PATINAGE ET UNE PERMEABILITE A LA VAPEUR**
[72] HARTMAN, WILLIAM G., US
[72] GUILLOT, WILLIAM R., US
[72] JOHNSON, MILTON L., US
[71] OMNOVA SOLUTIONS INC., US
[85] 2018-05-11
[86] 2016-11-10 (PCT/US2016/061385)
[87] (WO2017/083558)
[30] US (62/254,367) 2015-11-12

[21] **3,006,637**
[13] A1
[51] **Int.Cl. B67D 1/00 (2006.01)**
[25] EN
[54] **A BEVERAGE FONT FOR A BEVERAGE DISPENSING SYSTEM, A BEVERAGE DISPENSING SYSTEM COMPRISING A BEVERAGE FONT AND A METHOD OF DISPENSING A MIXED ALCOHOLIC BEVERAGE PRODUCT BY PROVIDING A BEVERAGE DISPENSING SYSTEM**
[54] **RESERVOIR DE BOISSON POUR SYSTEME DE DISTRIBUTION DE BOISSON, SYSTEME DE DISTRIBUTION DE BOISSON COMPRENANT UN RESERVOIR DE BOISSON, ET PROCEDE DE DISTRIBUTION DE PRODUIT DE BOISSON ALCOOLISE MELANGE EN FOURNISSANT UN SYSTEME DE DISTRIBUTION DE BOISSON**
[72] RASMUSSEN, JAN NORAGER, DK
[72] BESTLE, NIKOLAJ HEIBERG, DK
[71] CARLSBERG BREWERIES A/S, DK
[85] 2018-05-28
[86] 2016-12-07 (PCT/EP2016/080038)
[87] (WO2017/097820)
[30] EP (15198363.2) 2015-12-08

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[21] **3,006,638**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/24 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **AUTO INJECTOR WITH CHARGER SAFETY**
[54] **INJECTEUR AUTOMATIQUE AVEC SECURITE POUR CHARGEUR**
[72] OLESEN, JAN, DK
[72] MADSEN, FLEMMING, DK
[71] ASCENDIS PHARMA A/S, DK
[85] 2018-05-28
[86] 2016-12-29 (PCT/EP2016/082861)
[87] (WO2017/114912)
[30] EP (15203173.8) 2015-12-30

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[21] **3,006,639**
[13] A1
[51] **Int.Cl. A61M 16/12 (2006.01) A61M 16/00 (2006.01)**
[25] EN
[54] **FLOW PATH SENSING FOR FLOW THERAPY APPARATUS**
[54] **DETECTION DE TRAJET D'ECOULEMENT POUR APPAREIL DE TRAITEMENT DE DEBIT**
[72] BURGESS, RUSSEL WILLIAM, NZ
[72] DONNELLY, JESS EDWARD, NZ
[72] BARKER, DEAN ANTHONY, NZ
[72] DICKINSON, PHILIP JOHN, NZ
[72] VAN SCHALKWYK, ANDRE, NZ
[72] LAWSON, JOEL MICHAEL, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2018-05-28
[86] 2016-12-02 (PCT/NZ2016/050193)
[87] (WO2017/095241)
[30] US (62/262,325) 2015-12-02

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[21] **3,006,640**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06Q 10/06 (2012.01) G06Q 50/20 (2012.01) A63F 3/04 (2006.01) G09B 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DATA-DRIVEN IDENTIFICATION OF TALENT**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION DE COMPETENCES GUIDEE PAR DES DONNEES**
[72] POLLI, FRIDA, US
[72] YOO, JULIE, US
[71] PYMETRICS, INC., US
[85] 2018-05-28
[86] 2016-12-22 (PCT/US2016/068454)
[87] (WO2017/112914)
[30] US (62/387,440) 2015-12-23

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[21] **3,006,641**
[13] A1
[51] **Int.Cl. F17C 11/00 (2006.01) C01B 3/00 (2006.01)**
[25] FR
[54] **HYDROGEN STORAGE TANK PRODUCED FROM A THERMALLY INSULATING MATERIAL FORMING CYLINDRICAL CASINGS CONTAINING HYDRIDES**
[54] **RESERVOIR DE STOCKAGE D'HYDROGENE REALISE DANS UN MATERIAU ISOLANT THERMIQUEMENT FORMANT DES ENVELOPPES CYLINDRIQUES CONTENANT DES HYDRURES**
[72] GILLIA, OLIVIER, FR
[72] CHAISE, ALBIN, FR
[72] PONTHIEU, MARINE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-05-28
[86] 2016-12-02 (PCT/EP2016/079651)
[87] (WO2017/093522)
[30] FR (15 61883) 2015-12-04

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[21] **3,006,642**
[13] A1
[51] **Int.Cl. G06K 19/07 (2006.01) G06K 19/077 (2006.01)**
[25] FR
[54] **RADIOFREQUENCY DEVICE WITH ADJUSTABLE LC CIRCUIT COMPRISING AN ELECTRICAL AND/OR ELECTRONIC MODULE**
[54] **DISPOSITIF RADIOFREQUENCE A CIRCUIT LC AJUSTABLE COMPRENANT UN MODULE ELECTRIQUE ET/OU ELECTRONIQUE**
[72] SEBAN, FREDERICK, FR
[72] BUYUKKALENDER, AREK, FR
[72] PENAUD, CLAUDE-ERIC, FR
[72] MERIDIANO, JEAN-LUC, FR
[72] BOUSQUET, CHRISTOPHE, FR
[71] GEMALTO SA, FR
[85] 2018-05-28
[86] 2016-12-12 (PCT/EP2016/080698)
[87] (WO2017/102667)
[30] EP (15306997.6) 2015-12-14

[21] **3,006,643**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **FRONT LOADED AUTO INJECTOR FOR ADMINISTERING A MEDICAMENT**
[54] **INJECTEUR AUTOMATIQUE A CHARGEMENT PAR L'AVANT POUR L'ADMINISTRATION D'UN MEDICAMENT**
[72] FABRICIUS, PAUL ERIK, DK
[72] OLESEN, JAN, DK
[72] JENSEN, STEEN, DK
[72] EGESBORG, HENRIK, DK
[72] PEDERSEN, PER MOLGAARD, DK
[71] ASCENDIS PHARMA A/S, DK
[85] 2018-05-28
[86] 2016-12-29 (PCT/EP2016/082858)
[87] (WO2017/114909)
[30] EP (15203168.8) 2015-12-30
[30] EP (16190461.0) 2016-09-23

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[21] **3,006,644**
[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **HAEMORRHAGE AVOIDING MICROELECTRODE**
[54] **MICROELECTRODE PREVENANT LES HEMORRAGIES**
[72] SCHOUENBORG, JENS, SE
[72] MOHAMMED, MOHSIN, SE
[71] NEURONANO AB, SE
[85] 2018-05-28
[86] 2016-11-21 (PCT/SE2016/000072)
[87] (WO2017/095288)
[30] SE (1500491-4) 2015-11-30

---

[21] **3,006,645**
[13] A1
[51] **Int.Cl. C12Q 1/00 (2006.01) A61K 31/192 (2006.01) A61K 31/4439 (2006.01) A61K 31/522 (2006.01) A61K 31/585 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR CYP450 PHENOTYPING USING SALIVA SAMPLES**
[54] **COMPOSITIONS POUR PHENOTYPAGE DE CYP450 AU MOYEN D'ECHANTILLONS DE SALIVE**
[72] MCGRAW, JOSEPH, US
[72] GERHARDT, ARMIN, US
[71] CONCORDIA UNIVERSITY INC., US
[85] 2018-05-28
[86] 2016-11-30 (PCT/US2016/064210)
[87] (WO2017/095921)
[30] US (62/386,389) 2015-11-30

---

[21] **3,006,646**
[13] A1
[51] **Int.Cl. B22D 5/02 (2006.01) B22D 5/00 (2006.01) B22D 17/26 (2006.01) B29C 33/22 (2006.01) B29C 45/64 (2006.01) B29C 45/66 (2006.01) B29C 49/36 (2006.01)**
[25] EN
[54] **DIE CASTING MOLD AND CAROUSEL**
[54] **MOULE ET CARROUSEL DE COULEE SOUS PRESSION**
[72] GILMOUR, JAMES, US
[72] SCHIANO, JOHN, US
[72] GOODMAN, JOHN, US
[72] EMERSON, RON, US
[71] FARMER MOLD AND MACHINE WORKS, INC., US
[85] 2018-05-28
[86] 2016-12-02 (PCT/US2016/064826)
[87] (WO2017/096305)
[30] US (62/262,754) 2015-12-03

---

[21] **3,006,647**
[13] A1
[51] **Int.Cl. B02C 2/00 (2006.01) B02C 2/04 (2006.01)**
[25] EN
[54] **COMMINUTING MACHINE WITH RADAR-ASSISTED WEAR MEASUREMENT FUNCTION**
[54] **MACHINE DE DESINTEGRATION A MESURE D'USURE PAR RADAR**
[72] SUDMANN, DAVID, DE
[72] BISCHOF, TIMO, DE
[72] WINKEL, REIK, DE
[72] RABEL, MATTHIAS, DE
[71] THYSSENKRUPP AG, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[71] INDURAD GMBH, DE
[85] 2018-05-29
[86] 2016-12-15 (PCT/DE2016/100589)
[87] (WO2017/108025)
[30] DE (10 2015 122 372.4) 2015-12-21

---

[21] **3,006,648**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01)**
[25] FR
[54] **DEVICE FOR CONNECTING A VESSEL AND A CONTAINER AND CONNECTION ASSEMBLY INCLUDING SUCH A DEVICE**
[54] **DISPOSITIF DE CONNEXION ENTRE UN RECIPIENT ET UN CONTENANT ET ENSEMBLE DE CONNEXION COMPRENANT UN TEL DISPOSITIF**
[72] ANEAS, ANTOINE, FR
[71] BIOCORP PRODUCTION, FR
[85] 2018-05-28
[86] 2016-11-29 (PCT/EP2016/079117)
[87] (WO2017/093243)
[30] FR (1561578) 2015-11-30

[21] **3,006,649**
[13] A1
[51] **Int.Cl. G05D 16/20 (2006.01)**
[25] FR
[54] **SYSTEM FOR CONTROLLING THE PRESSURE OF A SEALED ENCLOSURE**
[54] **SYSTEME DE CONTROLE DE PRESSION D'UNE ENCEINTE ETANCHE**
[72] PARRENIN, CEDRIC, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2018-05-28
[86] 2016-11-30 (PCT/EP2016/079322)
[87] (WO2017/093344)
[30] FR (1561725) 2015-12-02

---

[21] **3,006,661**
[13] A1
[51] **Int.Cl. B60W 40/068 (2012.01) B60W 40/10 (2012.01) G05D 1/02 (2006.01)**
[25] EN
[54] **VEHICLE TRACTION MAP FOR AUTONOMOUS VEHICLES**
[54] **CARTE DE TRACTION DE VEHICULE POUR VEHICULES AUTONOMES**
[72] RANDER, PETER, US
[72] BRADLEY, DAVID MCALLISTER, US
[72] WOOD, MATTHEW, US
[72] VANDENBERG, DIRK, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2018-05-28
[86] 2016-12-12 (PCT/US2016/066235)
[87] (WO2017/100797)
[30] US (62/265,960) 2015-12-10
[30] US (15/376,270) 2016-12-12

---

[21] **3,006,662**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/82 (2013.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR RESHAPING A HEART VALVE ANNULUS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE REMODELAGE D'ANNEAU DE VALVULE CARDIAQUE**
[72] MACHOLD, TIMOTHY R., US
[72] RAHDERT, DAVID A., US
[72] CHANG, ROBERT T., US
[72] MANOHARAN, GANESH, GB
[71] MVRX, INC., US
[85] 2018-05-28
[86] 2016-12-12 (PCT/US2016/066207)
[87] (WO2017/100785)
[30] US (62/265,753) 2015-12-10

---

[21] **3,006,667**
[13] A1
[51] **Int.Cl. G06F 9/312 (2018.01) G06F 9/38 (2018.01)**
[25] EN
[54] **OPERATING A VLIW PROCESSOR IN A WIRELESS SENSOR DEVICE**
[54] **FONCTIONNEMENT D'UN PROCESSEUR VLIW DANS UN DISPOSITIF DE CAPTEUR SANS FIL**
[72] CHATTHA, KARANVIR, CA
[72] MATHAI, NEBU JOHN, CA
[71] COGNITIVE SYSTEMS CORP., CA
[85] 2018-05-29
[86] 2016-10-24 (PCT/CA2016/051231)
[87] (WO2017/100910)
[30] US (14/971,299) 2015-12-16

---

[21] **3,006,668**
[13] A1
[51] **Int.Cl. B62B 3/14 (2006.01) A47F 10/02 (2006.01) B62B 5/00 (2006.01) G02B 27/01 (2006.01) G06F 3/14 (2006.01) G09F 9/00 (2006.01)**
[25] EN
[54] **SHOPPING CART DISPLAY**
[54] **DISPOSITIF D'AFFICHAGE POUR CHARIOT**
[72] BRYAN, GREG, US
[72] THOMPSON, JOHN PAUL, US
[72] LETSON, ERIC ANTHONY, US
[71] WALMART APOLLO, LLC, US
[85] 2018-05-28
[86] 2016-12-19 (PCT/US2016/067489)
[87] (WO2017/112578)
[30] US (62/387,542) 2015-12-24

---

[21] **3,006,671**
[13] A1
[51] **Int.Cl. C09J 5/02 (2006.01) B32B 15/00 (2006.01) F16B 11/00 (2006.01) H02K 15/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING LAMINATION PACKS**
[54] **PROCEDE POUR LA FABRICATION DE PILES DE STRUCTURES STRATIFIEES**
[72] BJORN, BOKER, DE
[71] KIENLE + SPIESS GMBH, DE
[85] 2018-05-29
[86] 2016-12-01 (PCT/EP2016/002018)
[87] (WO2017/097404)
[30] DE (102015016338.8) 2015-12-09

[21] **3,006,672**
[13] A1
[51] **Int.Cl. C12P 19/14 (2006.01) C12P 7/10 (2006.01) C12P 19/02 (2006.01) C13K 1/02 (2006.01) D21C 1/04 (2006.01)**
[25] EN
[54] **SULFUR DIOXIDE AND/OR SULFUROUS ACID PRETREATMENT**
[54] **PRETRAITEMENT AU DIOXYDE DE SOUFRE ET/OU A L'ACIDE SULFUREUX**
[72] TOLAN, JEFFREY S., CA
[72] MACDONALD, DANIEL G., CA
[72] MARTENS, KRISTIN, CA
[72] LEDUC, NATACHA, CA
[72] FOODY, BRIAN, CA
[71] IOGEN CORPORATION, CA
[85] 2018-05-29
[86] 2016-09-16 (PCT/CA2016/051088)
[87] (WO2017/100907)
[30] US (62/269,339) 2015-12-18
[30] US (62/293,481) 2016-02-10
[30] CA (PCT/CA2016/050291) 2016-03-16
[30] US (62/364,219) 2016-07-19

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[21] **3,006,673**
[13] A1
[51] **Int.Cl. G06F 3/041 (2006.01)**
[25] EN
[54] **FILM AND METHOD FOR PRODUCING A FILM**
[54] **FEUILLE ET PROCEDE DE FABRICATION D'UNE FEUILLE**
[72] HEINRICH, MATTHIAS, DE
[72] HIRSCHFELDER, ANDREAS, DE
[72] HAHN, MARTIN, DE
[72] SCHAD, JOHANNES, DE
[71] LEONHARD KURZ STIFTUNG & CO. KG, DE
[85] 2018-05-29
[86] 2016-11-21 (PCT/EP2016/078349)
[87] (WO2017/093066)
[30] DE (10 2015 121 195.5) 2015-12-04
[30] DE (10 2016 101 736.1) 2016-02-01
[30] DE (10 2016 114 638.2) 2016-08-08

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[21] **3,006,677**
[13] A1
[51] **Int.Cl. G06F 19/16 (2011.01)**
[25] EN
[54] **DE NOVO ANTIBODY DESIGN**
[54] **CONCEPTION D'ANTICORPS DE NOVO**
[72] BAKER, TERENCE SEWARD, GB
[72] LIU, XIAOFENG, GB
[72] SHI, JIYE, GB
[72] TAYLOR, RICHARD DAVID, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2018-05-29
[86] 2016-12-01 (PCT/EP2016/079497)
[87] (WO2017/093435)
[30] GB (1521447.1) 2015-12-04

---

[21] **3,006,679**
[13] A1
[51] **Int.Cl. C12P 13/00 (2006.01) C12P 13/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF ORTHO-AMINOBENZOIC ACID AND/OR ANILINE BY USING RECOMBINANT YEAST**
[54] **PROCEDE DE PRODUCTION D'ACIDE ORTHO-AMINOBENZOIQUE ET/OU D'ANILINE A L'AIDE D'UNE LEVURE RECOMBINANTE**
[72] JAGER, GERNOT, DE
[72] MOUSSA, AMGAD SALAH, DE
[72] KLAFFL, SIMON, DE
[72] HAMEDINGER, THOMAS, DE
[72] KLOECKNER, WOLF, DE
[72] BEHNKEN, SWANTJE, US
[71] COVESTRO DEUTSCHLAND AG, DE
[85] 2018-05-29
[86] 2016-12-14 (PCT/EP2016/081021)
[87] (WO2017/102853)
[30] EP (15201326.4) 2015-12-18
[30] EP (16157777.0) 2016-02-29

---

[21] **3,006,681**
[13] A1
[51] **Int.Cl. B65G 43/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING THE OPERATIONAL BEHAVIOR, STATE AND/OR LOADING OF BELT CONVEYORS DURING THE OPERATION THEREOF**
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE DU DEPLACEMENT, DE L'ETAT ET/OU DU CHARGEMENT DE CONVOYEURS A COURROIE PENDANT LEUR FONCTIONNEMENT**
[72] WINKEL, REIK, DE
[72] RABEL, MATTHIAS, DE
[71] INDURAD GMBH, DE
[85] 2018-05-29
[86] 2015-12-14 (PCT/EP2015/079611)
[87] (WO2017/101969)

---

[21] **3,006,683**
[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4725 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BENZOPIPERIDINE DERIVATIVE, PREPARATION METHOD THEREOF AND MEDICAL USE THEREOF**
[54] **DERIVE DE BENZOPIPERIDINE, SON PROCEDE DE PREPARATION ET SON UTILISATION MEDICALE**
[72] YANG, FANGLONG, CN
[72] ZHANG, LING, CN
[72] WANG, CHUNFEI, CN
[72] HE, MINGXUN, CN
[72] HU, QIYUE, CN
[72] HE, FENG, CN
[72] TAO, WEIKANG, CN
[72] SUN, PIAOYANG, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
[85] 2018-05-29
[86] 2016-12-02 (PCT/CN2016/108367)
[87] (WO2017/107754)
[30] CN (201510975923.3) 2015-12-22

[21] **3,006,685**
[13] A1
[51] **Int.Cl. C08G 18/42 (2006.01) C08G 18/10 (2006.01) C08G 18/12 (2006.01) C08G 18/20 (2006.01) C08G 18/24 (2006.01) C08G 18/30 (2006.01) C08G 18/40 (2006.01) C08G 18/48 (2006.01) C08G 18/75 (2006.01) C08G 18/76 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **ONE-PART POLYURETHANE ADHESIVE WITH HIGH GREEN STRENGTH**
[54] **ADHESIF POLYURETHANNE A UN COMPOSANT AYANT UNE RESISTANCE EN VERT ELEVEE**
[72] YAO, HONG, US
[71] SIKA TECHNOLOGY AG, CH
[85] 2018-05-29
[86] 2016-12-16 (PCT/EP2016/081382)
[87] (WO2017/103070)
[30] EP (15201173.0) 2015-12-18

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[21] **3,006,689**
[13] A1
[51] **Int.Cl. C07K 14/50 (2006.01) A61K 38/18 (2006.01) A61K 38/26 (2006.01) A61K 38/28 (2006.01)**
[25] EN
[54] **FGF21 VARIANTS**
[54] **VARIANTS FGF21**
[72] SOMMERFELD, MARK, DE
[72] LANGER, THOMAS, DE
[72] BOSCHEINEN, OLIVER, DE
[72] DREYER, MATTHIAS, DE
[72] DITTRICH, WERNER, DE
[72] HABERMANN, PAUL (DECEASED), DE
[71] SANOFI, FR
[85] 2018-05-29
[86] 2016-12-02 (PCT/EP2016/079551)
[87] (WO2017/093465)
[30] EP (15306913.3) 2015-12-02

---

[21] **3,006,690**
[13] A1
[51] **Int.Cl. A47L 15/22 (2006.01)**
[25] EN
[54] **SPRAYING ASSEMBLY FOR DISH WASHING MACHINE AND DISH WASHING MACHINE HAVING SAME**
[54] **ENSEMBLE BRAS DE PULVERISATION DE LAVE-VAISSELLE ET LAVE-VAISSELLE COMPRENANT CELUI-CI**
[72] LI, MINGFENG, CN
[72] GAO, FENG, CN
[71] FOSHAN SHUNDE MIDEA WASHING APPLIANCES MFG. CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2018-05-29
[86] 2015-12-01 (PCT/CN2015/096165)
[87] (WO2017/091982)

---

[21] **3,006,691**
[13] A1
[51] **Int.Cl. B32B 27/08 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01)**
[25] EN
[54] **PRESTRETCHED BALEWRAP**
[54] **ENVELOPPE DE BALLE PRE-ETIRE**
[72] MATTSSON, ROBERT, SE
[71] TRIOPLAST AB, SE
[85] 2018-05-29
[86] 2016-12-21 (PCT/EP2016/082078)
[87] (WO2017/108891)
[30] EP (15201986.5) 2015-12-22

---

[21] **3,006,693**
[13] A1
[51] **Int.Cl. A61L 27/38 (2006.01) A61L 27/46 (2006.01) A61L 27/58 (2006.01)**
[25] EN
[54] **RESORBABLE CROSSLINKED FORM STABLE MEMBRANE**
[54] **MEMBRANE STABLE DE FORME RETICULEE RESORBABLE**
[72] STIEFEL, NIKLAUS, CH
[72] STENZEL, SERGEJ, CH
[72] KAUFMANN, RAPHAEL, CH
[71] GEISTLICH PHARMA AG, CH
[85] 2018-05-29
[86] 2016-12-02 (PCT/EP2016/079622)
[87] (WO2017/093502)
[30] EP (15198070.3) 2015-12-04

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[21] **3,006,694**
[13] A1
[51] **Int.Cl. A61B 50/20 (2016.01) A61B 90/70 (2016.01)**
[25] EN
[54] **MEDICAL ACCESSORY HOLDER**
[54] **SUPPORT D'ACCESSOIRE MEDICAL**
[72] MASON, DAVID, GB
[72] JACKSON, MARK, GB
[72] SPENCER, GARY, GB
[71] CANTEL (UK) LIMITED, GB
[85] 2018-05-29
[86] 2016-12-21 (PCT/IB2016/001891)
[87] (WO2017/109568)
[30] US (62/387,473) 2015-12-24

---

[21] **3,006,695**
[13] A1
[51] **Int.Cl. A61L 27/52 (2006.01)**
[25] EN
[54] **ORGANIC SOLVENT FREE COMPOSITIONS COMPRISING PROTEIN-POLYMER CONJUGATES AND USES THEREOF**
[54] **COMPOSITIONS EXEMPTES DE SOLVANT ORGANIQUE COMPRENANT DES CONJUGUES PROTEINE-POLYMERE ET UTILISATIONS ASSOCIEES**
[72] SHACHAF, YONATAN, IL
[72] SIMON, RAZ, IL
[72] GVILI, KOBY, IL
[71] REGENTIS BIOMATERIALS LTD., IL
[85] 2018-05-29
[86] 2016-12-14 (PCT/IL2016/051333)
[87] (WO2017/103924)
[30] IL (PCT/IL2015/051228) 2015-12-17

[21] **3,006,697**
[13] A1
[51] **Int.Cl. A61K 8/03 (2006.01) A61K 8/34 (2006.01) A61K 8/365 (2006.01) A61K 8/39 (2006.01) A61Q 19/00 (2006.01) A61Q 19/02 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **HYDROXY FUNCTIONALIZED SOLVENT BASED SKIN BENEFIT COMPOSITION**
[54] **COMPOSITION BENEFIQUE POUR LA PEAU A BASE D'UN SOLVANT A FONCTIONNALITE HYDROXY**
[72] PEHRATOVIC, HASIBA, US
[72] CRAIG, JENNIFER LYN, US
[71] UNILEVER PLC, GB
[85] 2018-05-29
[86] 2016-12-08 (PCT/EP2016/080320)
[87] (WO2017/108438)
[30] EP (15201905.5) 2015-12-22

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[21] **3,006,701**
[13] A1
[51] **Int.Cl. C07F 9/177 (2006.01) A61K 31/6615 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **4,6-DI-(O-THIOPHOSPHATE)-INOSITOL-1,2,3,5-TETRA-O-SULFATE FOR C. DIFFICILE INFECTION**
[54] **4,6-DI-(O-THIOPHOSPHATE)-INOSITOL-1,2,3,5-TETRA-O-SULFATE POUR UNE INFECTION A C DIFFICILE**
[72] IVARSSON, MATTIAS, CH
[72] LEROUX, JEAN-CHRISTOPHE, CH
[72] CASTAGNER, BASTIEN, CA
[71] ETH ZURICH, CH
[85] 2018-05-29
[86] 2016-12-12 (PCT/EP2016/080545)
[87] (WO2017/098033)
[30] EP (15199681.6) 2015-12-11
[30] EP (16164300.2) 2016-04-07

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[21] **3,006,702**
[13] A1
[51] **Int.Cl. F42B 5/02 (2006.01) F42B 5/03 (2006.01) F42B 8/14 (2006.01) F42B 12/06 (2006.01) F42B 12/36 (2006.01)**
[25] EN
[54] **IMPROVED FRAGMENTATION PROJECTILE AND METHOD FOR ITS MANUFACTURING**
[54] **PROJECTILE A FRAGMENTATION AMELIORE ET SON PROCEDE DE FABRICATION**
[72] MUSTER, MICHAEL, CH
[72] WOLF, JUERGEN, CH
[72] MEYER, DONALD, CH
[72] SPATZ, PETER, CH
[71] RUAG AMMOTEC AG, CH
[85] 2018-05-29
[86] 2016-12-08 (PCT/IB2016/057423)
[87] (WO2017/103741)
[30] US (62/267,987) 2015-12-16

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[21] **3,006,704**
[13] A1
[51] **Int.Cl. G02F 1/15 (2006.01) C09K 9/02 (2006.01) G02F 1/155 (2006.01)**
[25] EN
[54] **ELECTROCHROMIC ELEMENT**
[54] **ELEMENT ELECTROCHROMIQUE**
[72] GOTO, DAISUKE, JP
[72] SAGISAKA, TOSHIYA, JP
[72] YAMAMOTO, SATOSHI, JP
[72] SHINODA, MASATO, JP
[72] INOUE, MAMIKO, JP
[72] YASHIRO, TOHRU, JP
[71] RICOH COMPANY, LTD., JP
[85] 2018-05-29
[86] 2016-10-19 (PCT/JP2016/004636)
[87] (WO2017/094218)
[30] JP (2015-233591) 2015-11-30
[30] JP (2016-096204) 2016-05-12

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[21] **3,006,706**
[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) B65D 85/00 (2006.01)**
[25] EN
[54] **MICRONEEDLE PATCH STORAGE TOOL, LOWER PALLET AND UPPER PALLET**
[54] **OUTIL DE STOCKAGE DE PATCH A MICRO-AIGUILLES, PALETTE DE FOND, ET PALETTE DE DESSUS**
[72] QUAN, YING-SHU, JP
[72] LI, YING-ZHE, JP
[72] KAMIYAMA, FUMIO, JP
[71] COSMED PHARMACEUTICAL CO., LTD., JP
[85] 2018-05-29
[86] 2016-10-06 (PCT/JP2016/079800)
[87] (WO2017/094352)
[30] JP (2015-237381) 2015-12-04

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[21] **3,006,709**
[13] A1
[51] **Int.Cl. A23C 9/13 (2006.01) A23C 21/02 (2006.01) A23L 2/00 (2006.01) A23L 2/38 (2006.01) A23L 2/70 (2006.01)**
[25] EN
[54] **BEVERAGE THAT CONTAINS MICROBIAL CELLS**
[54] **BOISSON CONTENANT DES CELLULES MICROBIENNES**
[72] SHIBATA, YUSUKE, JP
[72] KOIZUMI, TETSUO, JP
[72] YOSHIKAWA, TORU, JP
[71] ASAHI SOFT DRINKS CO., LTD., JP
[71] ASAHI GROUP HOLDINGS, LTD., JP
[85] 2018-05-29
[86] 2016-12-15 (PCT/JP2016/087328)
[87] (WO2017/104730)
[30] JP (2015-247787) 2015-12-18

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[21] **3,006,710**
[13] A1
[51] **Int.Cl. B23K 11/30 (2006.01) B23B 5/16 (2006.01)**
[25] EN
[54] **CUTTING CUTTER FOR TIP DRESSING, AND TIP DRESSER**
[54] **OUTIL DE COUPE POUR DRESSAGE DE POINTE, ET DRESSEUR DE POINTE**
[72] TEZAWA, KAZUHIRO, JP
[71] KYOKUTOH CO., LTD., JP
[85] 2018-05-29
[86] 2015-12-01 (PCT/JP2015/005968)
[87] (WO2017/094041)

[21] **3,006,712**
[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01) A61M 1/28 (2006.01) B01D 5/00 (2006.01) E03B 3/28 (2006.01)**
[25] EN
[54] **RESOURCE-GENERATING DIALYSIS SYSTEM**
[54] **SYSTEME DE DIALYSE GENERATEUR DE RESSOURCE**
[72] CALUYA, ROGER, US
[72] CRNKOVICH, MARTIN JOSEPH, US
[72] EGLEY, BERT D., US
[72] GRIFFITH, DAVID CHARLES, JR., US
[72] LEVIN, ROLAND, US
[72] NASSERI, HOUSSEIN, US
[72] PLAHEY, KULWINDER S., US
[72] YUDS, DAVID, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2018-05-29
[86] 2016-10-04 (PCT/US2016/055334)
[87] (WO2017/116521)
[30] US (62/273,724) 2015-12-31

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[21] **3,006,713**
[13] A1
[51] **Int.Cl. C22C 19/05 (2006.01) B22F 3/02 (2006.01) B22F 9/08 (2006.01) C22C 1/04 (2006.01) C22C 19/03 (2006.01) F01D 5/28 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **NICKEL-BASE ALLOY, TURBINE BLADE, AND METHOD FOR PRODUCING INJECTION MOLDED ARTICLE OF NICKEL-BASE ALLOY**
[54] **ALLIAGE A BASE DE NICKEL, AUBE DE TURBINE, ET PROCEDE POUR LA PRODUCTION D'ARTICLE MOULE PAR INJECTION DE L'ALLIAGE A BASE DE NICKEL**
[72] SUZUKI, KENJI, JP
[72] SHINDO, KENTARO, JP
[72] TERAUCHI, SHUNTARO, JP
[72] KITAGAKI, HISASHI, JP
[72] HANAMI, KAZUKI, JP
[72] HANADA, TADAYUKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD., JP
[85] 2018-05-29
[86] 2017-03-16 (PCT/JP2017/010781)
[87] (WO2017/175563)
[30] JP (2016-075933) 2016-04-05

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[21] **3,006,717**
[13] A1
[51] **Int.Cl. A63C 9/088 (2012.01) A63C 9/08 (2012.01) A63C 9/086 (2012.01)**
[25] EN
[54] **SYSTEM FOR OPTIONAL DYNAMIC POSITIONING OF A SKI BINDING ON A SKI**
[54] **SYSTEME POUR POSITIONNEMENT DYNAMIQUE FACULTATIF D'UNE FIXATION DE SKI SUR UN SKI**
[72] SVENDSEN, OYVAR, NO
[72] GOVERUD-HOLM, THOMAS, NO
[72] DANIELSEN, JORN FRODE, NO
[72] HOLOS, STEINAR, NO
[72] WOLLO, EVEN, NO
[72] AANES, OYVIND, NO
[71] ROTTEFELLA AS, NO
[85] 2018-05-29
[86] 2016-11-30 (PCT/NO2016/050248)
[87] (WO2017/095232)
[30] NO (20151621) 2015-11-30

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[21] **3,006,718**
[13] A1
[51] **Int.Cl. C07D 417/10 (2006.01) A61K 31/165 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF REGULATING CANCER RELATED DISORDERS AND DISEASES**
[54] **COMPOSITIONS ET METHODES DE REGULATION DE TROUBLES ET MALADIES ASSOCIES AU CANCER**
[72] VASHISHTHA, ANSHU, US
[72] VASHISHTHA, MALINI, US
[71] ONCO THERAPIES LLC, US
[85] 2018-05-29
[86] 2016-10-17 (PCT/US2016/057377)
[87] (WO2017/070052)
[30] US (62/243,073) 2015-10-18

---

[21] **3,006,719**
[13] A1
[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/77 (2006.01)**
[25] EN
[54] **REMOTE CONTROLLER FOR CONTROLLING APPARATUS BY DIVERTING FEEDBACK SIGNAL FROM NATIVE CONTROLLER TO THE REMOTE CONTROLLER AND METHODS FOR SAME**
[54] **TELECOMMANDE POUR COMMANDER UN APPAREIL PAR DERIVATION DE SIGNAL DE RETROACTION D'UN DISPOSITIF DE COMMANDE D'ORIGINE VERS LA TELECOMMANDE ET PROCEDES AFFERENTS**
[72] BURNS, BRIAN MATTHEW, US
[72] ALTONEN, GENE MICHAEL, US
[71] IMFLUX INC., US
[85] 2018-05-29
[86] 2016-12-08 (PCT/US2016/065499)
[87] (WO2017/105981)
[30] US (62/266,996) 2015-12-14

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[21] **3,006,721**
[13] A1
[51] **Int.Cl. C07H 3/02 (2006.01) B01D 15/36 (2006.01) C07H 1/06 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING HIGH PURITY D-PSICOSE**
[54] **PROCEDE DE PRODUCTION DE D-PSICOSE HAUTE PURETE**
[72] LEE, JOO HANG, KR
[72] KIM, MIN HOE, KR
[72] KIM, SEONG BO, KR
[72] PARK, SEUNG WON, KR
[71] CJ CHEILJEDANG CORPORATION, KR
[85] 2018-05-29
[86] 2016-04-12 (PCT/KR2016/003843)
[87] (WO2017/150766)
[30] KR (10-2016-0024193) 2016-02-29

[21] **3,006,723**
[13] A1
[51] **Int.Cl. B29C 67/00 (2017.01) C08G 61/12 (2006.01)**
[25] EN
[54] **ADDITIVE MANUFACTURED CARBON MICHAEL ADDITION ARTICLES AND METHOD TO MAKE THEM**
[54] **ARTICLES D'ADDITION DE MICHAEL EN CARBONE PAR FABRICATION ADDITIVE ET LEUR PROCEDE DE FABRICATION**
[72] GORIN, CRAIG F., US
[72] SOLANKI, SANJAY C., US
[72] JIN, XIN, US
[72] PYZIK, ALEKSANDER J., US
[72] RAO, YUANQIAO, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-05-29
[86] 2016-11-18 (PCT/US2016/062661)
[87] (WO2017/095658)
[30] US (62/261,919) 2015-12-02

---

[21] **3,006,726**
[13] A1
[51] **Int.Cl. H04W 74/08 (2009.01) H04B 1/713 (2011.01)**
[25] EN
[54] **NARROW BAND PHYSICAL RANDOM ACCESS CHANNEL FREQUENCY HOPPING PATTERNS AND DETECTION SCHEMES**
[54] **MODELES ET SCHEMAS DE DETECTION DE SAUTS DE FREQUENCES DE CANAL D'ACCES ALEATOIRE PHYSIQUE EN BANDE ETROITE**
[72] GAAL, PETER, US
[72] WANG, RENQIU, US
[72] WANG, XIAO FENG, US
[72] XU, HAO, US
[72] CHEN, WANSHI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-05-29
[86] 2016-11-03 (PCT/US2016/060335)
[87] (WO2017/119943)
[30] US (62/276,211) 2016-01-07
[30] US (15/341,753) 2016-11-02

---

[21] **3,006,727**
[13] A1
[51] **Int.Cl. A61M 39/20 (2006.01)**
[25] EN
[54] **FLEXIBLE CAP FOR CONICAL CONNECTORS**
[54] **CAPUCHON FLEXIBLE POUR CONNECTEURS CONIQUES**
[72] GRIFFITH, NATHAN, US
[72] BECKER, NEIL M., US
[71] AVENT, INC., US
[85] 2018-05-29
[86] 2015-11-30 (PCT/US2015/062977)
[87] (WO2017/095373)

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[21] **3,006,729**
[13] A1
[51] **Int.Cl. H01H 9/44 (2006.01) H01H 77/10 (2006.01) H01H 3/26 (2006.01) H01H 9/36 (2006.01) H01H 33/59 (2006.01)**
[25] EN
[54] **ELECTRICAL SWITCHING APPARATUS AND SLOT MOTOR THEREFOR**
[54] **APPAREILS DE COMMUTATION ELECTRIQUE ET MOTEUR A FENTES ASSOCIE**
[72] ZHOU, XIN, US
[72] JUDS, MARK A., US
[72] RUEMPLER, CHRISTIAN, US
[72] ROLLMANN, PAUL J., US
[72] CARRODUS, JASON, US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-05-29
[86] 2016-11-21 (PCT/US2016/062998)
[87] (WO2017/095672)
[30] US (14/958,481) 2015-12-03

---

[21] **3,006,734**
[13] A1
[51] **Int.Cl. E21B 7/00 (2006.01)**
[25] EN
[54] **DUAL OPERATIONAL RIG**
[54] **APPAREIL DE FORAGE A DEUX FONCTIONS**
[72] DOWDY, MICHAEL J., US
[72] NECAISE, FRANKIE D., US
[71] ROWAN COMPANIES, INC., US
[85] 2018-05-29
[86] 2016-11-21 (PCT/US2016/063038)
[87] (WO2017/095676)
[30] US (62/261,610) 2015-12-01

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[21] **3,006,735**
[13] A1
[51] **Int.Cl. B08B 9/023 (2006.01)**
[25] EN
[54] **HOSE HANDLING SYSTEM AND METHODS OF USE**
[54] **SYSTEME DE MANIPULATION DE TUYAU FLEXIBLE ET PROCEDES D'UTILISATION**
[72] SUITER, THOMAS P., US
[71] SUITER, THOMAS P., US
[85] 2018-05-29
[86] 2015-12-03 (PCT/US2015/063707)
[87] (WO2016/090125)
[30] US (14/559,333) 2014-12-03

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[21] **3,006,736**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **PROCESS FOR INCREASED SELECTIVITY AND CAPACITY FOR THE HYDROGEN SULFIDE CAPTURE FROM ACID GASES**
[54] **PROCEDE POUR SELECTIVITE ET CAPACITE AUGMENTEES POUR LA CAPTURE DE SULFURE D'HYDROGENE DANS DES GAZ ACIDES**
[72] PEREIRA, CARLA S., US
[72] SISKIN, MICHAEL, US
[72] INGRAM, THOMAS, DE
[72] VORBERG, GERALD, DE
[72] ERNST, MARTIN, DE
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[71] BASF, DE
[85] 2018-05-29
[86] 2016-12-02 (PCT/US2016/064529)
[87] (WO2017/116606)
[30] US (14/980,634) 2015-12-28

[21] **3,006,738**
[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01) A61K 31/55 (2006.01) A61K 45/06 (2006.01) A61P 35/02 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **NOVEL ANTI-CLAUDIN ANTIBODIES AND METHODS OF USE**
[54] **NOUVEAUX ANTICORPS ANTI-CLAUDINE ET METHODES D'UTILISATION**
[72] FONG, SARAH, US
[72] SISODIYA, VIKRAM NATWARSINHJI, US
[72] STULL, ROBERT A., US
[72] WILLIAMS, SAMUEL A., US
[71] ABBVIE STEMCENTRX LLC, US
[85] 2018-05-29
[86] 2016-12-02 (PCT/US2016/064617)
[87] (WO2017/096163)
[30] US (62/263,542) 2015-12-04
[30] US (62/427,027) 2016-11-28

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[21] **3,006,739**
[13] A1
[51] **Int.Cl. A61B 17/3205 (2006.01) A61B 17/50 (2006.01)**
[25] EN
[54] **BLOCKAGE REMOVAL**
[54] **ELIMINATION DE BLOCAGE**
[72] GANZ, ROBERT A., US
[72] RYDELL, MARK ANDERS, US
[71] PIRANHA MEDICAL, LLC, US
[85] 2018-05-29
[86] 2016-11-21 (PCT/US2016/063083)
[87] (WO2017/095682)
[30] US (62/260,873) 2015-11-30

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[21] **3,006,740**
[13] A1
[51] **Int.Cl. A47K 10/24 (2006.01) A47K 10/32 (2006.01) A47K 10/38 (2006.01) B65D 25/00 (2006.01) B65D 83/08 (2006.01) B65D 85/67 (2006.01)**
[25] EN
[54] **DYNAMIC PRODUCT USE REPORTING SYSTEM**
[54] **SYSTEME D'ETABLISSEMENT DE RAPPORT D'UTILISATION DE PRODUIT DYNAMIQUE**
[72] WILLIAMS, FREDERICK J., US
[72] BECKER, STEPHEN, US
[71] KIMBERLY-CLARK WORLDWIDE, INC, US
[85] 2018-05-29
[86] 2015-12-17 (PCT/US2015/066411)
[87] (WO2017/105464)

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[21] **3,006,743**
[13] A1
[51] **Int.Cl. A61K 31/015 (2006.01) A61K 31/505 (2006.01) A61K 45/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MAT2A INHIBITORS FOR TREATING MTAP NULL CANCER**
[54] **INHIBITEURS DE MAT2A POUR LE TRAITEMENT DU CANCER N'EXPRIMANT PAS MTAP**
[72] MARJON, KATYA, US
[72] CHOE, SUNG EUN, US
[71] AGIOS PHARMACEUTICALS, INC., US
[85] 2018-05-29
[86] 2016-12-02 (PCT/US2016/064619)
[87] (WO2017/096165)
[30] US (62/262,750) 2015-12-03
[30] US (62/297,572) 2016-02-19

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[21] **3,006,746**
[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 31/506 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **SOLID DISPERSIONS COMPRISING A SGC STIMULATOR**
[54] **DISPERSIONS SOLIDES COMPRENANT UN STIMULATEUR DE GUANYLATE CYCLASE SOLUBLE (SGC)**
[72] DUNBAR, CRAIG ANTHONY, US
[72] SETHURAMAN, VASU, US
[72] HASHASH, AHMAD, US
[71] IRONWOOD PHARMACEUTICALS, INC., US
[85] 2018-05-29
[86] 2016-11-22 (PCT/US2016/063312)
[87] (WO2017/095697)
[30] US (62/260,910) 2015-11-30
[30] US (62/359,440) 2016-07-07

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[21] **3,006,747**
[13] A1
[51] **Int.Cl. B65C 9/04 (2006.01) B65G 47/244 (2006.01) B65G 54/02 (2006.01)**
[25] EN
[54] **CONVEYING MACHINE FOR CONTAINERS**
[54] **MACHINE DE TRANSPORT POUR CONTENANTS**
[72] MARCANTONI, SIMONE, IT
[71] MAKRO LABELLING S.R.L., IT
[85] 2018-05-29
[86] 2016-12-14 (PCT/IB2016/057619)
[87] (WO2017/103813)
[30] IT (102015000082929) 2015-12-14

---

[21] **3,006,749**
[13] A1
[51] **Int.Cl. B05C 19/04 (2006.01)**
[25] EN
[54] **RECIRCULATING POWDER APPLICATOR**
[54] **APPLICATEUR DE POUDRE A RECIRCULATION**
[72] BLAZER, BRADLEY JEROME, US
[72] CONRAD, CRAIG MILLER, US
[72] LI, MING, US
[72] MCALPINE, WARREN WELBORN, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2018-05-29
[86] 2016-10-19 (PCT/US2016/057601)
[87] (WO2017/095540)
[30] US (62/260,896) 2015-11-30

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[21] **3,006,751**
[13] A1
[51] **Int.Cl. C07C 29/151 (2006.01) C07C 29/152 (2006.01) C07C 29/154 (2006.01) C07C 31/04 (2006.01)**
[25] EN
[54] **METHANOL PROCESS**
[54] **PROCEDE DE SYNTHESE DE METHANOL**
[72] YIU, KAR CHI, GB
[71] JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED, GB
[85] 2018-05-29
[86] 2016-12-16 (PCT/GB2016/053960)
[87] (WO2017/121981)
[30] GB (1600794.0) 2016-01-15

[21] **3,006,752**
[13] A1
[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **COEXTRUDED JACKET FOR FLAME RETARDANT FIBER OPTIC CABLES**
[54] **GAINE COEXTRUDEE POUR CABLES OPTIQUES IGNIFUGES**
[72] BRINGUIER, ANNE GERMAINE, US
[72] LIPIEC, ANNA, PL
[72] MILLER, ALLEN MICHAEL, US
[72] OLSZEWSKI, SEBASTIAN, PL
[72] SYNOWIEC, KATARZYNA, PL
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2018-05-29
[86] 2016-10-19 (PCT/US2016/057611)
[87] (WO2017/095542)
[30] US (62/260,843) 2015-11-30

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[21] **3,006,754**
[13] A1
[51] **Int.Cl. B64D 31/08 (2006.01) B64C 13/00 (2006.01) G05D 13/62 (2006.01)**
[25] EN
[54] **METHOD FOR DYNAMIC COMMAND LIMITING IN A DISTRIBUTED CONTROL SYSTEM**
[54] **PROCEDE PERMETTANT UNE LIMITATION DE COMMANDE DYNAMIQUE DANS UN SYSTEME DE COMMANDE DISTRIBUE**
[72] HIRVONEN, JUKKA MATTI, US
[71] HONDA PATENTS & TECHNOLOGIES NORTH AMERICA, LLC, US
[85] 2018-05-29
[86] 2016-12-01 (PCT/US2016/064337)
[87] (WO2017/095992)
[30] US (62/262,474) 2015-12-03

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[21] **3,006,755**
[13] A1
[51] **Int.Cl. C07C 29/152 (2006.01) C07C 31/04 (2006.01)**
[25] EN
[54] **METHANOL PROCESS**
[54] **PROCEDE METHANOL**
[72] YIU, KAR CHI, GB
[71] JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED, GB
[85] 2018-05-29
[86] 2016-12-16 (PCT/GB2016/053959)
[87] (WO2017/121980)
[30] GB (1600793.2) 2016-01-15

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[21] **3,006,757**
[13] A1
[51] **Int.Cl. A61F 5/56 (2006.01) A61C 7/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE SLEEP APNEA ORAL APPLIANCE**
[54] **APPAREIL BUCCAL AJUSTABLE POUR L'APNEE DU SOMMEIL**
[72] VEIS, ROB, US
[71] SELANE PRODUCTS, INC., US
[85] 2018-05-29
[86] 2016-11-30 (PCT/US2016/064291)
[87] (WO2017/095971)
[30] US (62/261,243) 2015-11-30

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[21] **3,006,758**
[13] A1
[51] **Int.Cl. A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CYCLING THERAPY USING 3-(5-AMINO-2-METHYL-4-OXO-4H-QUINAZOLIN-3-YL)-PIPERIDINE-2,6-DIONE**
[54] **THERAPIE PRESENTANT DES CYCLES D'ADMINISTRATION DE 3-(5-AMINO-2-METHYL-4-OXO-4H-QUINAZOLIN-3-YL)-PIPERIDINE-2,6-DIONE**
[72] HAGNER, PATRICK, US
[72] GANDHI, ANITA, US
[72] POURDEHNAD, MICHAEL, US
[71] CELGENE CORPORATION, US
[85] 2018-05-29
[86] 2016-12-01 (PCT/US2016/064392)
[87] (WO2017/096024)
[30] US (62/262,263) 2015-12-02

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[21] **3,006,759**
[13] A1
[51] **Int.Cl. C07K 16/40 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) C07K 14/725 (2006.01)**
[25] EN
[54] **TUMOR-SPECIFIC PAYLOAD DELIVERY AND IMMUNE ACTIVATION USING A HUMAN ANTIBODY TARGETING A HIGHLY SPECIFIC TUMOR CELL SURFACE ANTIGEN**
[54] **ADMINISTRATION DE CHARGE UTILE SPECIFIQUE DE TUMEUR ET ACTIVATION IMMUNITAIRE AU MOYEN D'UN ANTICORPS HUMAIN CIBLANT UN ANTIGENE DE SURFACE DE CELLULE TUMORALE TRES SPECIFIQUE**
[72] LIU, BIN, US
[72] BIDLINGMAIER, SCOTT, US
[72] SU, YANG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-05-29
[86] 2016-11-29 (PCT/US2016/064033)
[87] (WO2017/095823)
[30] US (62/261,112) 2015-11-30

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[21] **3,006,760**
[13] A1
[51] **Int.Cl. A23K 50/40 (2016.01) A23K 50/42 (2016.01) A23K 50/60 (2016.01)**
[25] EN
[54] **PUPPY GROWTH PRODUCT AND METHODS THEREOF**
[54] **PRODUIT DE CROISSANCE POUR CHIOT ET PROCEDES ASSOCIES**
[72] HEWSON-HUGHES, ADRIAN, GB
[71] MARS, INCORPORATED, US
[85] 2018-05-29
[86] 2016-12-19 (PCT/IB2016/057784)
[87] (WO2017/103906)
[30] GB (1522300.1) 2015-12-17

[21] **3,006,761**
[13] A1
[51] **Int.Cl. B42C 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR BINDING A BUNDLE OF LEAVES AND A BOOK OR FOLDER THEREBY OBTAINED**
[54] **PROCEDE POUR RELIER UN PAQUET DE FEUILLES, ET LIVRE OU DOSSIER AINSI OBTENU**
[72] PELEMAN, GUIDO FRANS M., BE
[71] UNIBIND LIMITED, CY
[85] 2018-05-29
[86] 2017-01-17 (PCT/IB2017/000016)
[87] (WO2017/125808)
[30] BE (2016/5039) 2016-01-20

[21] **3,006,762**
[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61K 31/541 (2006.01) A61K 31/55 (2006.01) A61K 31/551 (2006.01) A61K 31/675 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USES OF PYRIMIDO-PYRIDAZINONES TO TREAT CANCER**
[54] **UTILISATIONS DE PYRIMIDO-PYRIDAZINONES POUR LE TRAITEMENT DU CANCER**
[72] REDDY, SANJEEVA P., US
[72] GUPTA, SANDEEP, US
[72] SMITH, ROGER ASTBURY, US
[71] ASANA BIOSCIENCES, LLC, US
[85] 2018-05-29
[86] 2016-11-30 (PCT/US2016/064178)
[87] (WO2017/095898)
[30] US (62/263,398) 2015-12-04

[21] **3,006,763**
[13] A1
[51] **Int.Cl. C12N 15/52 (2006.01) C12P 19/62 (2006.01)**
[25] EN
[54] **BIOSYNTHESIS OF EVERNINOMICIN ANALOGS IN MICROMONOSPORA CARBONACEA VAR AURANTIACA**
[54] **BIOSYNTHESE D'ANALOGUES D'EVERNINOMICINE DANS MICROMONOSPORA CARBONACEA VAR AURANTIACA**
[72] BACHMANN, BRIAN O., US
[72] LIMBRICK, EMILIANNE M., US
[72] DEREWACZ, KASIA, US
[71] VANDERBILT UNIVERSITY, US
[85] 2018-05-29
[86] 2016-12-09 (PCT/US2016/065938)
[87] (WO2017/100650)
[30] US (62/265,126) 2015-12-09

[21] **3,006,764**
[13] A1
[51] **Int.Cl. A61K 31/437 (2006.01) A61K 31/197 (2006.01) A61K 31/4422 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61K 45/06 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **USE OF SGC STIMULATORS FOR THE TREATMENT OF GASTROINTESTINAL SPHINCTER DYSFUNCTION**
[54] **UTILISATION DE STIMULATEURS DE LA SGC POUR LE TRAITEMENT D'UN DYSFONCTIONNEMENT DU SPHINCTER GASTRO-INTESTINAL**
[72] CARLSON, KENNETH E., US
[72] JUNG, JOON, US
[72] CURRIE, MARK G., US
[71] IRONWOOD PHARMACEUTICALS, INC., US
[85] 2018-05-29
[86] 2016-12-13 (PCT/US2016/066357)
[87] (WO2017/106175)
[30] US (62/266,988) 2015-12-14

[21] **3,006,765**
[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **ELECTRONIC LOCK WITH MISALIGNMENT SCORING SYSTEM**
[54] **SERRURE ELECTRONIQUE DOTEE D'UN SYSTEME D'EVALUATION DE DESALIGNEMENT**
[72] ALMOMANI, NEDAL AKRAM, US
[72] LOVETT, MATTHEW, US
[72] BREWER, TIMOTHY, US
[71] SPECTRUM BRANDS, INC., US
[85] 2018-05-29
[86] 2016-11-29 (PCT/US2016/063901)
[87] (WO2017/095766)
[30] US (62/261,564) 2015-12-01
[30] US (15/361,621) 2016-11-28

[21] **3,006,766**
[13] A1
[51] **Int.Cl. A61C 7/30 (2006.01) A61C 7/20 (2006.01) A61C 7/22 (2006.01) A61C 7/28 (2006.01)**
[25] EN
[54] **TEETH REPOSITIONING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE REPOSITIONNEMENT DE DENTS**
[72] ROEIN PEIKAR, SEYED MEHDI, US
[72] WRATTEN, JAMES SYLVESTER, JR., US
[71] ROEIN PEIKAR, SEYED MEHDI, US
[71] WRATTEN, JAMES SYLVESTER, JR., US
[85] 2018-05-29
[86] 2016-12-06 (PCT/US2016/065174)
[87] (WO2017/100198)
[30] US (62/263,659) 2015-12-06
[30] US (62/352,025) 2016-06-20
[30] US (62/393,526) 2016-09-12
[30] US (15/370,704) 2016-12-06

[21] **3,006,768**
[13] A1
[51] **Int.Cl. B05B 13/06 (2006.01) B08B 9/093 (2006.01)**
[25] EN
[54] **MULTI-AXIS ARTICULATING AND ROTARY SPRAY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PULVERISATION ROTATIVE ET D'ARTICULATION A AXES MULTIPLES**
[72] ZILAI, MICHAEL SHAWN, US
[72] CAMP, CHARLES HORACE, JR., US
[71] BAY WORX LABORATORIES, LLC, US
[85] 2018-05-29
[86] 2016-12-21 (PCT/US2016/068092)
[87] (WO2017/112799)
[30] US (62/271,098) 2015-12-22
[30] US (15/387,115) 2016-12-21

[21] **3,006,769**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODIES AND MOLECULES THAT IMMUNOSPECIFICALLY BIND TO BTN1A1 AND THE THERAPEUTIC USES THEREOF**
[54] **ANTICORPS ET MOLECULES SE LIANT DE MANIERE IMMUNOSPECIFIQUE A BTN1A1 ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] YOO, STEPHEN SUNGHAN, US
[72] SURACE, MICHAEL JOSEPH, US
[72] LIN, STEVEN HSESHENG, US
[72] SHARMA, AMRISH, US
[71] STCUBE & CO., INC., KR
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-05-29
[86] 2016-12-01 (PCT/US2016/064436)
[87] (WO2017/096051)
[30] US (62/262,309) 2015-12-02

[21] **3,006,770**
[13] A1
[51] **Int.Cl. B64C 13/00 (2006.01) B64D 31/10 (2006.01)**
[25] EN
[54] **ELECTRONIC RUDDER BIAS SYSTEM**
[54] **SYSTEME ELECTRONIQUE DE POLARISATION DE GOUVERNAIL**
[72] HIRVONEN, JUKKA MATTI, US
[72] SAHANI, NILESH ARUN, US
[72] MONTGOMERY, JEREMY NATHANIEL, US
[71] HONDA PATENTS & TECHNOLOGIES NORTH AMERICA, LLC, US
[85] 2018-05-29
[86] 2016-12-01 (PCT/US2016/064312)
[87] (WO2017/095980)
[30] US (62/262,466) 2015-12-03

[21] **3,006,771**
[13] A1
[51] **Int.Cl. C08L 77/00 (2006.01) C04B 33/04 (2006.01) C08J 5/08 (2006.01) C08K 7/14 (2006.01) C08K 7/20 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITE COMPOSITIONS INCLUDING HYDROUS KAOLIN**
[54] **COMPOSITIONS COMPOSITES POLYMERES COMPRENANT DU KAOLIN HYDRATE**
[72] DEWULF, DAVID W., US
[72] PESHAVE, CHINMAY, US
[72] POULAKIS, IOANNIS, US
[71] IMERYS USA, INC., US
[85] 2018-05-29
[86] 2016-12-14 (PCT/US2016/066653)
[87] (WO2017/106343)
[30] US (62/267,469) 2015-12-15

[21] **3,006,772**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4433 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 239/42 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **TANK-BINDING KINASE INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE KINASES SE LIANT A TANK**
[72] DU, ZHIMIN, US
[72] DORNAN, DAVID, US
[72] GUERRERO, JUAN A., US
[72] KAPLAN, JOSHUA A., US
[72] KNOX, JOHN E., JR., US
[72] NADUTHAMBI, DEVAN, US
[72] PHILLIPS, BARTON W., US
[72] STINSON, SUSANNA Y., US
[72] VENKATARAMANI, CHANDRASEKAR, US
[72] WANG, PEIYUAN, US
[72] WATKINS, WILLIAM J., US
[71] GILEAD SCIENCES, INC., US
[85] 2018-05-29
[86] 2016-12-15 (PCT/US2016/067022)
[87] (WO2017/106556)
[30] US (62/268,846) 2015-12-17
[30] US (62/425,396) 2016-11-22

[21] **3,006,773**
[13] A1
[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **MEMORY FABRIC SOFTWARE IMPLEMENTATION**
[54] **MISE EN □UVRE LOGICIELLE D'UNE MATRICE DE MEMOIRE**
[72] FRANK, STEVEN, US
[72] REBACK, LARRY, US
[71] ULTRATA, LLC, US
[85] 2018-05-29
[86] 2016-12-07 (PCT/US2016/065320)
[87] (WO2017/100281)
[30] US (62/264,731) 2015-12-08

[21] **3,006,774**
[13] A1
[51] **Int.Cl. C07C 67/62 (2006.01) C07C 45/86 (2006.01) C07C 47/22 (2006.01) C07C 51/50 (2006.01) C07C 57/04 (2006.01) C07C 69/15 (2006.01) C07C 69/54 (2006.01) C07C 253/32 (2006.01) C07C 255/08 (2006.01)**
[25] EN
[54] **ADDITIVES FOR MITIGATING FOULING DURING THE OXIDATION OF ALKENES**
[54] **ADDITIFS POUR REDUIRE L'ENCRASSEMENT PENDANT L'OXYDATION D'ALCENES**
[72] MO, HUA, US
[72] METZLER, ROGER D., US
[72] HUANG, HSI-YI, TW
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-05-29
[86] 2016-12-02 (PCT/US2016/064698)
[87] (WO2017/096210)
[30] US (62/263,419) 2015-12-04
[30] US (15/366,758) 2016-12-01

[21] **3,006,775**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **PROCESSES FOR PRODUCING FERMENTATION PRODUCTS**
[54] **PROCEDES DE PRODUCTION DE PRODUITS DE FERMENTATION**
[72] KANG, ZHENGFANG, US
[72] STRAHLER, CHRISTIE LYNN, US
[72] HUFFMAN, JAMES RON, US
[72] KROGH, KRISTIAN BERTEL ROMER M., DK
[71] NOVOZYMES A/S, DK
[85] 2018-05-29
[86] 2016-12-16 (PCT/US2016/067177)
[87] (WO2017/112540)
[30] US (62/271,182) 2015-12-22
[30] US (62/271,063) 2015-12-22
[30] US (62/324,107) 2016-04-18
[30] US (62/430,695) 2016-12-06

[21] **3,006,776**
[13] A1
[51] **Int.Cl. G06F 15/167 (2006.01)**
[25] EN
[54] **MEMORY FABRIC OPERATIONS AND COHERENCY USING FAULT TOLERANT OBJECTS**
[54] **OPERATIONS ET COHERENCE DE MATRICE DE MEMOIRE AU MOYEN D'OBJETS TOLERANTS AUX FAUTES**
[72] FRANK, STEVEN, US
[72] REBACK, LARRY, US
[71] ULTRATA, LLC., US
[85] 2018-05-29
[86] 2016-12-07 (PCT/US2016/065330)
[87] (WO2017/100288)
[30] US (62/264,652) 2015-12-08

[21] **3,006,777**
[13] A1
[51] **Int.Cl. G06E 1/00 (2006.01)**
[25] EN
[54] **COMPUTATIONAL LOCALIZATION OF FIBRILLATION SOURCES**
[54] **LOCALISATION NUMERIQUE DE SOURCES DE FIBRILLATION**
[72] KRUMMEN, DAVID E., US
[72] MCCULLOCH, ANDREW D., US
[72] VILLONGCO, CHRISTOPHER, US
[72] HO, GORDON, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-05-29
[86] 2016-12-22 (PCT/US2016/068449)
[87] (WO2017/112910)
[30] US (62/271,113) 2015-12-22
[30] US (15/389,245) 2016-12-22

[21] **3,006,778**
[13] A1
[51] **Int.Cl. A01C 5/06 (2006.01) A01B 35/20 (2006.01) A01B 39/20 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **PLANTING TRENCH CLOSING SYSTEMS, METHODS, AND APPARATUS**
[54] **SYSTEMES, PROCEDES ET APPAREIL POUR FERMER UNE TRANCHEE DE PLANTATION**
[72] HODEL, JEREMY, US
[72] URBANIAK, DOUGLAS, US
[72] KATER, TIMOTHY, US
[71] PRECISION PLANTING LLC, US
[85] 2018-05-17
[86] 2016-11-11 (PCT/US2016/061713)
[87] (WO2017/087284)
[30] US (62/257,265) 2015-11-19

[21] **3,006,780**
[13] A1
[51] **Int.Cl. G01G 19/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR WEIGHING ANIMAL FEED INGREDIENTS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE PESER DES INGREDIENTS ALIMENTAIRES POUR ANIMAUX**
[72] GODSEY, STEVE, US
[71] MWI VETERINARY SUPPLY CO., US
[85] 2018-05-29
[86] 2017-01-10 (PCT/US2017/012800)
[87] (WO2017/123520)
[30] US (62/277,846) 2016-01-12

[21] **3,006,781**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/113 (2010.01) C12N 15/115 (2010.01) C12N 9/22 (2006.01) C12N 15/32 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12N 15/79 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE MAKING AND USING OF GUIDE NUCLEIC ACIDS**
[54] **PROCEDES ET COMPOSITIONS POUR LA FABRICATION ET L'UTILISATION D'ACIDES NUCLEIQUES DE GUIDAGE**
[72] GOURGUECHON, STEPHANE B., US
[71] ARC BIO, LLC, US
[85] 2018-05-29
[86] 2016-12-07 (PCT/US2016/065420)
[87] (WO2017/100343)
[30] US (62/264,262) 2015-12-07
[30] US (62/298,963) 2016-02-23

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[21] **3,006,782**
[13] A1
[51] **Int.Cl. A21D 8/04 (2006.01) A23L 7/104 (2016.01) A23L 7/117 (2016.01)**
[25] EN
[54] **CEREAL FOOD PRODUCT AND METHOD OF MAKING THE SAME**
[54] **PRODUIT ALIMENTAIRE A BASE DE CEREALES ET SON PROCEDE DE FABRICATION**
[72] PEDERSON, PAMELA J., US
[72] NOWAKOWSKI, CHRISTINE M., US
[72] RANEY, KYLE, US
[71] GENERAL MILLS, INC., US
[85] 2018-05-29
[86] 2017-02-09 (PCT/US2017/017175)
[87] (WO2017/146911)
[30] US (15/049,755) 2016-02-22

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[21] **3,006,783**
[13] A1
[51] **Int.Cl. F23C 99/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND DEVICE TO OPTIMIZE THE EFFICIENCY OF THE COMBUSTION OF GASES FOR THE PRODUCTION OF CLEAN ENERGY**
[54] **SYSTEME, PROCEDE ET DISPOSITIF POUR OPTIMISER LE RENDEMENT DE COMBUSTION DES GAZ LORS DE LA PRODUCTION D'ENERGIE PROPRE**
[72] PIMENTEL, MARCELO FERNANDO, BR
[71] THE BLUEDOT ALLIANCE B.V., NL
[85] 2018-05-30
[86] 2016-11-30 (PCT/BR2016/050312)
[87] (WO2017/091880)
[30] BR (BR1020150300450) 2015-11-30

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[21] **3,006,784**
[13] A1
[51] **Int.Cl. F25J 3/06 (2006.01) F25J 1/00 (2006.01)**
[25] EN
[54] **METHOD OF REMOVING CO2 FROM A CONTAMINATED HYDROCARBON STREAM**
[54] **PROCEDE D'ELIMINATION DE CO2 D'UN COURANT HYDROCARBONE CONTAMINE**
[72] POORTE, RAIMO EDWIN GREGOR, NL
[72] VAN AKEN, MICHIEL GIJSBERT, NL
[72] VAN CAMPEN, LAURENS JOSEPH ARNOLD MARIE, NL
[72] VAN SANTEN, HELMAR, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-05-29
[86] 2016-12-01 (PCT/EP2016/079403)
[87] (WO2017/093387)
[30] EP (15197896.2) 2015-12-03

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[21] **3,006,786**
[13] A1
[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/77 (2006.01) G05B 13/00 (2006.01)**
[25] EN
[54] **REMOTE CONTROLLER FOR CONTROLLING APPARATUS BY DIVERTING FEEDBACK SIGNAL FROM NATIVE CONTROLLER TO THE REMOTE CONTROLLER AND METHODS FOR SAME**
[54] **TELECOMMANDE POUR COMMANDER UN APPAREIL PAR DERIVATION DE SIGNAL DE RETROACTION D'UN DISPOSITIF DE COMMANDE D'ORIGINE VERS LA TELECOMMANDE ET PROCEDES AFFERENTS**
[72] BURNS, BRIAN MATTHEW, US
[72] ALTONEN, GENE MICHAEL, US
[71] IMFLUX INC., US
[85] 2018-05-29
[86] 2016-12-08 (PCT/US2016/065497)
[87] (WO2017/105980)
[30] US (62/267,003) 2015-12-14

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[21] **3,006,787**
[13] A1
[51] **Int.Cl. A01N 25/30 (2006.01) A01N 57/20 (2006.01) A01N 59/02 (2006.01)**
[25] EN
[54] **LOW FOAMING HIGH ELECTROLYTE COMPOSITIONS**
[54] **COMPOSITIONS RICHES EN ELECTROLYTES A FAIBLE MOUSSAGE**
[72] BATTAL, TURGUT, SE
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2018-05-29
[86] 2016-12-06 (PCT/EP2016/079811)
[87] (WO2017/097727)
[30] EP (15198676.7) 2015-12-09

[21] **3,006,788**
[13] A1
[51] **Int.Cl. B66B 5/08 (2006.01) B66B 5/28 (2006.01)**
[25] EN
[54] **SHAFT HOISTING PLANT HAVING AN OVERWIND BRAKE DEVICE**
[54] **INSTALLATION D'EXTRACTION PAR PUITS POURVUE DE DISPOSITIF DE FREINAGE D'ENVOI AUX MOLETTES**
[72] JUNGE, MATTHIAS, DE
[72] RIETZ, LARS, DE
[72] KLEIN, NICOLE, DE
[72] HABERKORN, EDUARD, DE
[71] OLKO-MASCHINENTECHNIK GMBH, DE
[85] 2018-05-29
[86] 2017-11-06 (PCT/EP2017/078310)
[87] (WO2018/091294)
[30] DE (10 2016 122 165.1) 2016-11-17

[21] **3,006,791**
[13] A1
[51] **Int.Cl. C07C 227/42 (2006.01) C07C 229/04 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING A CRYSTALLINE ALKALI METAL SALT OF A COMPLEXING AGENT, AND CRYSTALLINE COMPLEXING AGENT**
[54] **PROCEDE DE FABRICATION D'UN SEL DE METAL ALCALIN CRISTALLIN D'UN AGENT COMPLEXANT, ET AGENT COMPLEXANT CRISTALLIN**
[72] FRANZKE, CONSTANZE, DE
[72] FRANZKE, AXEL, DE
[72] STAMM, ARMIN, DE
[72] HARTMANN, MARKUS, DE
[72] BAUMANN, ROBERT, DE
[71] BASF SE, DE
[85] 2018-05-29
[86] 2016-12-07 (PCT/EP2016/080001)
[87] (WO2017/102483)
[30] EP (15200850.4) 2015-12-17

[21] **3,006,792**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **IMPROVED ADAPTERS, METHODS, AND COMPOSITIONS FOR DUPLEX SEQUENCING**
[54] **ADAPTATEURS AMELIORES, PROCEDES, ET COMPOSITIONS POUR LE SEQUENCAGE EN DOUBLE HELICE**
[72] LOEB, LAWRENCE A., US
[72] SCHMITT, MICHAEL W., US
[72] SALK, JESSE J., US
[71] TWINSTRAND BIOSCIENCES, INC., US
[85] 2018-05-29
[86] 2016-12-08 (PCT/US2016/065605)
[87] (WO2017/100441)
[30] US (62/264,822) 2015-12-08
[30] US (62/281,917) 2016-01-22

[21] **3,006,794**
[13] A1
[51] **Int.Cl. B29C 65/20 (2006.01) A61M 39/14 (2006.01) B29C 65/30 (2006.01) B29C 65/74 (2006.01) B29C 65/78 (2006.01)**
[25] EN
[54] **DEVICE FOR WELDING TUBES**
[54] **DISPOSITIF DE SOUDAGE DE TUBES**
[72] BUHLER, PETER, CH
[72] FLUDER, WILLY, CH
[72] WYSS, MARKUS, CH
[71] REED ELECTRONICS AG, CH
[85] 2018-05-28
[86] 2016-11-29 (PCT/EP2016/079073)
[87] (WO2017/093216)
[30] CH (1751/15) 2015-11-30

[21] **3,006,797**
[13] A1
[51] **Int.Cl. A01F 25/14 (2006.01) B65D 25/04 (2006.01) B65D 45/16 (2006.01) B65D 85/34 (2006.01) E05C 19/02 (2006.01) E05C 19/10 (2006.01)**
[25] EN
[54] **PRODUCE SHIPPING CONTAINER**
[54] **CONTENANT D'EXPEDITION DE FRUITS ET LEGUMES**
[72] WILCOX, DONALD E., US
[71] ARENA PACKAGING, LLC, US
[85] 2018-05-29
[86] 2016-12-22 (PCT/US2016/068192)
[87] (WO2017/112840)
[30] US (62/387,285) 2015-12-23

[21] **3,006,799**
[13] A1
[51] **Int.Cl. C07C 275/54 (2006.01) A01N 47/34 (2006.01) A61K 31/17 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **HTERT MODULATORS AND METHODS OF USE**
[54] **MODULATEURS HTERT ET PROCEDES D'UTILISATION**
[72] HURLEY, LAURENCE, US
[72] GOKHALE, VIJAY, US
[72] KANG, HYUNJIN, US
[72] WU, KUI, US
[71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2018-05-29
[86] 2016-11-30 (PCT/US2016/064287)
[87] (WO2017/095969)
[30] US (62/261,838) 2015-12-01

[21] **3,006,801**
[13] A1
[51] **Int.Cl. B60C 7/10 (2006.01) B29D 30/02 (2006.01) B60B 1/02 (2006.01) B60B 1/04 (2006.01) B60B 9/00 (2006.01) B60B 9/04 (2006.01) B60B 9/14 (2006.01)**
[25] EN
[54] **WHEEL COMPRISING A NON-PNEUMATIC TIRE**
[54] **ROUE COMPRENANT UN PNEU NON PNEUMATIQUE**
[72] ZUCHOSKI, JEREMIE, CA
[72] THOMPSON, RONALD H., US
[71] ZUCHOSKI, JEREMIE, CA
[71] THOMPSON, RONALD H., US
[85] 2018-05-29
[86] 2016-12-16 (PCT/US2016/067289)
[87] (WO2017/106723)
[30] US (62/268,243) 2015-12-16

[21] **3,006,803**
[13] A1
[51] **Int.Cl. H04N 21/434 (2011.01) H04N 21/84 (2011.01) H04N 19/467 (2014.01)**
[25] EN
[54] **RECOVERY DATA WITH CONTENT IDENTIFIERS**
[54] **DONNEES DE RECUPERATION AVEC IDENTIFICATEURS DE CONTENU**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-05-29
[86] 2016-11-29 (PCT/JP2016/085448)
[87] (WO2017/094734)
[30] US (62/263,520) 2015-12-04
[30] US (62/302,151) 2016-03-01
[30] US (62/310,636) 2016-03-18
[30] US (62/373,696) 2016-08-11

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[21] **3,006,806**
[13] A1
[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/77 (2006.01)**
[25] EN
[54] **REMOTE CONTROLLER FOR CONTROLLING APPARATUS BY DIVERTING FEEDBACK SIGNAL FROM NATIVE CONTROLLER TO THE REMOTE CONTROLLER AND METHODS FOR SAME**
[54] **TELECOMMANDE POUR COMMANDER UN APPAREIL PAR DERIVATION DE SIGNAL DE RETROACTION D'UN DISPOSITIF DE COMMANDE D'ORIGINE VERS LA TELECOMMANDE ET PROCEDES AFFERENTS**
[72] BURNS, BRIAN MATTHEW, US
[72] ALTONEN, GENE MICHAEL, US
[71] IMFLUX INC., US
[85] 2018-05-29
[86] 2016-12-08 (PCT/US2016/065496)
[87] (WO2017/105979)
[30] US (62/267,011) 2015-12-14

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[21] **3,006,815**
[13] A1
[51] **Int.Cl. B64C 23/06 (2006.01) B64C 3/50 (2006.01) B64C 9/02 (2006.01) B64C 13/30 (2006.01)**
[25] EN
[54] **AERODYNAMIC PROFILED BODY FOR AN AIRCRAFT**
[54] **CORPS A PROFIL AERODYNAMIQUE POUR AERONEF**
[72] FILSEGGER, HERMANN, AT
[72] STEPHAN, WALTER, AT
[71] FACC AG, AT
[85] 2018-05-30
[86] 2017-04-28 (PCT/AT2017/060112)
[87] (WO2017/185121)
[30] AT (A 50383/2016) 2016-04-29

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[21] **3,006,827**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/7115 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61P 35/00 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **MONOCARBOXYLATE TRANSPORTER 4 (MCT4) ANTISENSE OLIGONUCLEOTIDE (ASO) INHIBITORS FOR USE AS THERAPEUTICS IN THE TREATMENT OF CANCER**
[54] **INHIBITEURS D'OLIGONUCLEOTIDES ANTISENS (ASO) DIRIGES CONTRE LE TRANSPORTEUR DE MONOCARBOXYLATE 4 (MCT4) UTILISES COMME AGENTS THERAPEUTIQUES DANS LE TRAITEMENT DU CANCER**
[72] WANG, YUZHUO, CA
[72] CHOI, STEPHEN YIU CHUEN, CA
[72] GLEAVE, MARTIN E., CA
[72] XU, HUI, CA
[72] COLLINS, COLIN C., CA
[72] GOUT, PETER WILHELM, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2018-05-30
[86] 2016-11-30 (PCT/CA2016/000296)
[87] (WO2017/091885)
[30] US (62/260,837) 2015-11-30

---

[21] **3,006,838**
[13] A1
[51] **Int.Cl. C07D 249/14 (2006.01) A01N 43/653 (2006.01) A01N 43/713 (2006.01) A01N 43/82 (2006.01) C07D 257/06 (2006.01) C07D 271/04 (2006.01) C07D 271/07 (2006.01)**
[25] EN
[54] **BENZAMIDE COMPOUNDS AND THEIR USE AS HERBICIDES**
[54] **COMPOSES DE BENZAMIDE ET LEUR UTILISATION EN TANT QU'HERBICIDES**
[72] KORDES, MARKUS, DE
[72] SEITZ, THOMAS, DE
[72] ZIERKE, THOMAS, DE
[72] MASSA, DARIO, DE
[72] NEWTON, TREVOR WILLIAM, DE
[72] CALO, FREDERICK, DE
[71] BASF SE, DE
[85] 2018-05-29
[86] 2016-11-24 (PCT/EP2016/078609)
[87] (WO2017/102275)
[30] EP (15200842.1) 2015-12-17
[30] EP (16193193.6) 2016-10-11

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[21] **3,006,843**
[13] A1
[51] **Int.Cl. B03D 1/02 (2006.01) B03C 1/01 (2006.01) B03C 1/30 (2006.01) B03D 1/08 (2006.01)**
[25] EN
[54] **ULTRAFLOTATION WITH MAGNETICALLY RESPONSIVE CARRIER PARTICLES**
[54] **ULTRAFLOTTATION AVEC DES PARTICULES PORTEUSES A SENSIBILITE MAGNETIQUE**
[72] ROHDE, WOLFGANG, DE
[72] MICHAILOVSKI, ALEXEJ, DE
[72] SHISHKOV, IGOR, DE
[72] RIEGER, REINHOLD, DE
[72] INCERA GARRIDO, GERARDO, DE
[72] CHAROENSIRISOMBOON, PIYADA, DE
[72] MEGAW, DARREN, ZA
[72] GILBERT, DAVID JOHANN, DE
[71] BASF SE, DE
[85] 2018-05-29
[86] 2016-12-07 (PCT/EP2016/080122)
[87] (WO2017/102512)
[30] EP (15200912.2) 2015-12-17

[21] **3,006,845**
[13] A1
[51] **Int.Cl. C21D 9/48 (2006.01) B21D 22/20 (2006.01) C22C 38/00 (2006.01) C22C 38/14 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING MOLDED PRODUCT AND MOLDED PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT MOULE ET PRODUIT MOULE**
[72] KUBO, MASAHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] YOSHIDA, HIROSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-05-29
[86] 2016-11-30 (PCT/JP2016/085633)
[87] (WO2017/098983)
[30] JP (2015-242460) 2015-12-11
[30] JP (2016-180635) 2016-09-15

---

[21] **3,006,848**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 33/12 (2006.01) E21B 43/16 (2006.01) E21B 47/10 (2012.01)**
[25] EN
[54] **DOWNHOLE DIAGNOSTIC APPARATUS**
[54] **APPAREIL DE DIAGNOSTIC DE FOND DE TROU**
[72] CANNING, SEAN CHRISTOPHER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-05-29
[86] 2016-03-23 (PCT/US2016/023734)
[87] (WO2017/164863)

---

[21] **3,006,851**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C12N 5/09 (2010.01) A61K 31/713 (2006.01)**
[25] EN
[54] **MODULATING PERMEABILITY OF THE BLOOD CEREBROSPINAL FLUID BARRIER**
[54] **MODULATION DE LA PERMEABILITE DE LA BARRIERE SANG/LIQUIDE CEPHALO-RACHIDIEN**
[72] BOIRE, ADRIENNE, US
[72] MASSAGUE, JOAN, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2018-05-18
[86] 2016-11-18 (PCT/US2016/062880)
[87] (WO2017/087869)
[30] US (62/258,044) 2015-11-20

---

[21] **3,006,853**
[13] A1
[51] **Int.Cl. C11D 17/04 (2006.01)**
[25] EN
[54] **WATER SOLUBLE UNIT DOSE ARTICLE**
[54] **ARTICLE SOUS FORME DE DOSE UNITAIRE HYDROSOLUBLE**
[72] BOUTIQUE, JEAN-POL, BE
[72] DEPOOT, KAREL JOZEF MARIA, BE
[72] FERNANDEZ MARTINEZ, LUCIA, BE
[72] LINTULA, NEA JANETTE, BE
[72] ORLANDINI, LAURA, CH
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-05-18
[86] 2016-12-05 (PCT/US2016/064916)
[87] (WO2017/105891)
[30] EP (15199721.0) 2015-12-14
[30] EP (16190779.5) 2016-09-27

---

[21] **3,006,854**
[13] A1
[51] **Int.Cl. F25C 3/04 (2006.01) F25C 1/16 (2006.01)**
[25] EN
[54] **SNOW MAKING FACILITY AND METHOD FOR DISCHARGING ARTIFICIAL SNOW FROM A SNOW MAKING FACILITY**
[54] **INSTALLATION DE FABRICATION DE NEIGE ET PROCEDE DE DECHARGE DE NEIGE ARTIFICIELLE DEPUIS UNE INSTALLATION DE FABRICATION DE NEIGE**
[72] HENRIKSSON, JONAS, SE
[71] F3 SNOW TECHNOLOGIES AB, SE
[85] 2018-05-24
[86] 2016-11-24 (PCT/SE2016/051163)
[87] (WO2017/095306)
[30] SE (1551580-2) 2015-12-02

---

[21] **3,006,855**
[13] A1
[51] **Int.Cl. C23C 8/36 (2006.01) C23C 8/10 (2006.01) H05H 1/24 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROMOTING ADHESION OF METALLIC SURFACES**
[54] **PROCEDE ET DISPOSITIF FAVORISANT L'ADHERENCE DE SURFACES METALLIQUES**
[72] YANCEY, PETER JOSEPH, US
[71] ATMOSPHERIC PLASMA SOLUTIONS, INC., US
[85] 2018-05-18
[86] 2016-11-22 (PCT/US2016/063392)
[87] (WO2017/087991)
[30] US (62/258,522) 2015-11-22

[21] **3,006,857**
[13] A1
[51] **Int.Cl. A01N 31/02 (2006.01) A01N 59/00 (2006.01) A61L 2/14 (2006.01) C02F 1/46 (2006.01)**
[25] EN
[54] **METHODS AND SOLUTIONS INCLUDING ADDITIVES AND STABILIZERS FOR KILLING OR DEACTIVATING SPORES**
[54] **PROCEDES ET SOLUTIONS COMPRENANT DES ADDITIFS ET DES STABILISANTS POUR DETRUIRE OU INACTIVER DES SPORES**
[72] TSAI, TSUNG-CHAN, US
[72] KALGHATGI, SAMEER, US
[72] FERRELL, JAMES, US
[72] ZHU, SHIRLEY, US
[72] GRAY, ROBERT L., US
[71] EP TECHNOLOGIES LLC, US
[85] 2018-05-22
[86] 2016-11-22 (PCT/US2016/063236)
[87] (WO2017/091534)
[30] US (62/258,840) 2015-11-23

---

[21] **3,006,859**
[13] A1
[51] **Int.Cl. A61K 35/761 (2015.01) A61K 35/768 (2015.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **GROUP B ADENOVIRUS ENCODING AN ANTI-TCR-COMPLEX ANTIBODY OR FRAGMENT**
[54] **ADENOVIRUS DU GROUPE B CODANT POUR UN ANTICORPS OU FRAGMENT CONTRE LE COMPLEXE TCR**
[72] CHAMPION, BRIAN ROBERT, GB
[72] BROWN, ALICE CLAIRE NOEL, GB
[71] PSIOXUS THERAPEUTICS LIMITED, GB
[85] 2018-05-28
[86] 2016-12-19 (PCT/EP2016/081817)
[87] (WO2017/103290)
[30] GB (1522334.0) 2015-12-17
[30] GB (1607463.5) 2016-04-29
[30] GB (1617207.4) 2016-10-10
[30] GB (1617206.6) 2016-10-10

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[21] **3,006,860**
[13] A1
[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01) F25J 3/02 (2006.01) F25J 3/06 (2006.01)**
[25] EN
[54] **METHOD OF LIQUEFYING A CO2 CONTAMINATED HYDROCARBON-CONTAINING GAS STREAM**
[54] **PROCEDE DE LIQUEFACTION DE COURANT GAZEUX CONTENANT DES HYDROCARBURES, CONTAMINE AU CO2**
[72] GROENENDIJK, THIJS, NL
[72] POORTE, RAIMO EDWIN GREGOR, NL
[72] RAGHAVAN, NIRUPA, NL
[72] VAN AKEN, MICHIEL GIJSBERT, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-05-29
[86] 2016-12-01 (PCT/EP2016/079386)
[87] (WO2017/093377)
[30] EP (15197898.8) 2015-12-03

---

[21] **3,006,863**
[13] A1
[51] **Int.Cl. F25J 1/00 (2006.01) F25J 1/02 (2006.01)**
[25] EN
[54] **CONTROLLING REFRIGERANT COMPRESSION POWER IN A NATURAL GAS LIQUEFACTION PROCESS**
[54] **REGULATION DE LA PUISSANCE DE COMPRESSION DE FLUIDE FRIGORIGENE DANS UN PROCEDE DE LIQUEFACTION DE GAZ NATUREL**
[72] SPAANDER, ADRIAAN, NL
[72] NURANI RAMACHANDRAN, SRINIVAS, IN
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-05-29
[86] 2016-12-06 (PCT/EP2016/079893)
[87] (WO2017/097764)
[30] IN (6543/CHE/2015) 2015-12-08
[30] EP (16151934.3) 2016-01-19

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[21] **3,006,864**
[13] A1
[51] **Int.Cl. A62C 99/00 (2010.01)**
[25] EN
[54] **OXYGEN REDUCTION SYSTEM AND METHOD FOR OPERATING AN OXYGEN REDUCTION SYSTEM**
[54] **INSTALLATION DE REDUCTION D'OXYGENE ET PROCEDE DE FONCTIONNEMENT D'UNE INSTALLATION DE REDUCTION D'OXYGENE**
[72] WAGNER, ERNST-WERNER, DE
[72] EICHHOFF, JULIAN, DE
[71] AMRONA AG, CH
[85] 2018-05-29
[86] 2016-12-22 (PCT/EP2016/082373)
[87] (WO2017/109069)
[30] EP (15201906.3) 2015-12-22
[30] US (14/977,755) 2015-12-22

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[21] **3,006,865**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/19 (2006.01) A61K 47/26 (2006.01) A61K 47/40 (2006.01)**
[25] EN
[54] **FORMULATIONS FOR INTRAVENOUS INJECTION OF DANIRIXIN**
[54] **FORMULATIONS DE DANIRIXINE A INJECTER PAR INTRAVEINEUSE**
[72] APFELBAUM, RACHEL, US
[72] OH, YOON, US
[72] PEAT, ANDREW JAMES, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
[85] 2018-05-29
[86] 2016-11-30 (PCT/IB2016/057220)
[87] (WO2017/093912)
[30] US (62/260,727) 2015-11-30

[21] **3,006,866**
[13] A1
[51] **Int.Cl. C07D 309/30 (2006.01) A61K 31/366 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS OF TREATING BACTERIAL INFECTIONS**
[54] **COMPOSES ET METHODES DE TRAITEMENT D'INFECTIONS BACTERIENNES**
[72] BROBERG, ANDERS, SE
[72] ANDERSSON, PIERRE, SE
[72] LEVENFORS, JOLANTA, SE
[72] BJERKETORP, JOAKIM, SE
[72] SAHLBERG, CHRISTER, SE
[71] ULTUPHARMA AB, SE
[85] 2018-05-29
[86] 2016-12-02 (PCT/SE2016/051207)
[87] (WO2017/095319)
[30] SE (1551572-9) 2015-12-02

---

[21] **3,006,867**
[13] A1
[51] **Int.Cl. C40B 50/14 (2006.01) B01J 19/00 (2006.01) C12N 15/10 (2006.01) C40B 50/18 (2006.01)**
[25] EN
[54] **FUNCTIONALIZED SURFACES AND PREPARATION THEREOF**
[54] **SURFACES FONCTIONNALISEES ET LEUR PREPARATION**
[72] PECK, BILL JAMES, US
[72] INDERMUHLE, PIERRE, US
[72] MARSH, EUGENE P., US
[72] FERNANDEZ, ANDRES, US
[72] STERN, DAVID, US
[71] TWIST BIOSCIENCE CORPORATION, US
[85] 2018-05-29
[86] 2016-11-30 (PCT/US2016/064270)
[87] (WO2017/095958)
[30] US (62/261,753) 2015-12-01

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[21] **3,006,868**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/002 (2012.01) E21B 49/02 (2006.01) G01V 8/02 (2006.01)**
[25] EN
[54] **IMAGE BASED ROCK PROPERTY TENSOR VISUALIZATION OF A GEOCELLULAR GRID IN A DYNAMIC 3D ENVIRONMENT**
[54] **VISUALISATION DE TENSEUR DE PROPRIETE DE ROCHE A BASE D'IMAGES DE GRILLE GEOCELLULAIRE DANS UN ENVIRONNEMENT 3D DYNAMIQUE**
[72] RAMSAY, TRAVIS ST. GEORGE, US
[72] BOAZ, BURNS, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2018-05-18
[86] 2015-12-22 (PCT/US2015/067513)
[87] (WO2017/111966)

---

[21] **3,006,869**
[13] A1
[51] **Int.Cl. H01M 4/139 (2010.01)**
[25] EN
[54] **METHOD OF PREPARING BATTERY ELECTRODES**
[54] **PROCEDE DE PREPARATION D'ELECTRODES DE BATTERIE**
[72] SHEN, PEIHUA, CN
[72] WONG, SING HUNG ERIC, CN
[71] GRST INTERNATIONAL LIMITED, CN
[85] 2018-05-25
[86] 2016-12-13 (PCT/CN2016/109723)
[87] (WO2017/124859)
[30] US (62/279,841) 2016-01-18

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[21] **3,006,870**
[13] A1
[51] **Int.Cl. C03C 17/36 (2006.01)**
[25] FR
[54] **SUSBTRATE PROVIDED WITH A STACK HAVING THERMAL PROPERTIES, COMPRISING AT LEAST ONE NICKEL OXIDE LAYER**
[54] **SUBSTRAT MUNI D'UN EMPILEMENT A PROPRIETES THERMIQUES COMPORTANT AU MOINS UNE COUCHE EN OXYDE DE NICKEL**
[72] GUIMARD, DENIS, FR
[72] MARIANI, SILVIA, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2018-05-24
[86] 2016-12-01 (PCT/FR2016/053171)
[87] (WO2017/093676)
[30] FR (1561721) 2015-12-02

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[21] **3,006,871**
[13] A1
[51] **Int.Cl. C22C 21/16 (2006.01) C22C 21/18 (2006.01) C22F 1/057 (2006.01)**
[25] FR
[54] **ALUMINIUM-COPPER-LITHIUM ALLOY HAVING IMPROVED MECHANICAL STRENGTH AND IMPROVED TOUGHNESS**
[54] **ALLIAGE ALUMINIUM CUIVRE LITHIUM A RESISTANCE MECANIQUE ET TENACITE AMELIOREES**
[72] WHELCHEL, RICKY, FR
[72] ARBAB, ALIREZA, FR
[72] BES, BERNARD, FR
[72] SIGLI, CHRISTOPHE, FR
[71] CONSTELLIUM ISSOIRE, FR
[85] 2018-05-29
[86] 2016-12-01 (PCT/FR2016/053175)
[87] (WO2017/093680)
[30] FR (1561852) 2015-12-04

[21] **3,006,872**
[13] A1
[51] **Int.Cl. C12N 15/29 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **STEM RUST RESISTANCE GENE**
[54] **GENE DE RESISTANCE A LA ROUILLE NOIRE**
[72] PERIYANNAN, SAMBASIVAM KUPPUSAMY, AU
[72] DODDS, PETER NORMAN, AU
[72] MAGO, ROHIT, AU
[72] LAGUDAH, EVANS, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2018-05-30
[86] 2016-11-21 (PCT/AU2016/051131)
[87] (WO2017/091847)
[30] AU (2015904976) 2015-12-01

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[21] **3,006,873**
[13] A1
[51] **Int.Cl. B63H 9/06 (2006.01)**
[25] FR
[54] **SEGMENTED RIGID SAIL**
[54] **VOILE RIGIDE SEGMENTEE**
[72] SERRE, GILLES, FR
[71] SERRE, GILLES, FR
[85] 2018-05-29
[86] 2016-11-28 (PCT/FR2016/000195)
[87] (WO2017/093619)
[30] FR (15 02491) 2015-11-30

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[21] **3,006,874**
[13] A1
[51] **Int.Cl. A61B 5/1464 (2006.01) A61B 5/0205 (2006.01) A61B 5/1455 (2006.01) A61B 5/22 (2006.01) A61B 6/00 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR PERFORMING TRANS-ABDOMINAL FETAL OXIMETRY AND/OR TRANS-ABDOMINAL FETAL PULSE OXIMETRY**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR EFFECTUER UNE OXYMETRIE FETALE TRANS-ABDOMINALE ET/OU UNE OXYMETRIE DE POULS FETALE TRANS-ABDOMINALE**
[72] RAY, NEIL PADHARIA, US
[71] RAYDIANT OXIMETRY, INC., US
[85] 2018-05-28
[86] 2016-12-28 (PCT/US2016/068994)
[87] (WO2017/117280)
[30] US (62/273,196) 2015-12-30

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[21] **3,006,875**
[13] A1
[51] **Int.Cl. A61F 5/02 (2006.01)**
[25] FR
[54] **BELT FOR TRANSPORTING A MEDICAL DEVICE AND MAINTINING SAME IN PLACE, AND CORRESPONDING KIT**
[54] **CEINTURE DE TRANSPORT ET DE MAINTIEN D'UN DISPOSITIF MEDICAL ET KIT CORRESPONDANT**
[72] ANDRIEUX, FABIEN, FR
[71] OXSITIS, FR
[85] 2018-05-29
[86] 2016-12-10 (PCT/FR2016/053323)
[87] (WO2017/103400)
[30] FR (1562552) 2015-12-16

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[21] **3,006,878**
[13] A1
[51] **Int.Cl. G08G 1/01 (2006.01) G08G 1/017 (2006.01) G08G 1/14 (2006.01)**
[25] EN
[54] **PEER-TO-PEER VIRTUAL CHALKING**
[54] **MARQUAGE A LA CRAIE VIRTUEL POSTE A POSTE**
[72] YIGIT, CHRIS, CA
[72] LAMBERT, JEAN, CA
[72] NADEAU, MATHIEU, CA
[72] AUBLET, YANNICK, CA
[72] BROUSSEAU, GUY, CA
[72] COMMEYNE, CHRISTOPHE, CA
[71] GENETEC INC., CA
[85] 2018-05-30
[86] 2016-11-30 (PCT/CA2016/051404)
[87] (WO2017/091894)
[30] US (62/261,432) 2015-12-01

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[21] **3,006,879**
[13] A1
[51] **Int.Cl. A61M 39/10 (2006.01) A61J 15/00 (2006.01) A61M 25/00 (2006.01) A61M 39/26 (2006.01)**
[25] EN
[54] **HIGH-FLOW ENTERAL FEEDING SYRINGE ASSEMBLY**
[54] **ENSEMBLE SERINGUE D'ALIMENTATION ENTERALE A HAUT DEBIT**
[72] SWISHER, DAVID RORK, US
[71] KPR U.S., LLC, US
[85] 2018-05-29
[86] 2016-12-02 (PCT/US2016/064715)
[87] (WO2017/096223)
[30] US (62/263,585) 2015-12-04
[30] US (62/264,070) 2015-12-07

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[21] **3,006,881**
[13] A1
[51] **Int.Cl. F16K 31/163 (2006.01) F15B 11/028 (2006.01) F15B 20/00 (2006.01) F16K 1/22 (2006.01)**
[25] EN
[54] **APPARATUS FOR INDEPENDENTLY CONTROLLING SEATING FORCES IN ROTARY VALVES**
[54] **APPAREIL PERMETTANT DE REGULER INDEPENDAMMENT DES FORCES D'APPUI DANS DES VANNES ROTATIVES**
[72] KINSER, ANDREW JOHN, US
[72] WYATT, MICHAEL ALLEN, US
[72] JACKSON, TRENTON F., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-05-29
[86] 2016-12-21 (PCT/US2016/067907)
[87] (WO2017/112720)
[30] US (14/977,104) 2015-12-21

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[21] **3,006,882**
[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **FLUID COLLECTION DEVICE AND RELATED METHODS**
[54] **DISPOSITIF DE COLLECTE DE FLUIDE ET PROCEDES ASSOCIES**
[72] TAYLOR, JASON, US
[72] SINGH, HARDEEP, US
[72] DIRCKX, MATTHEW, US
[71] OPKO DIAGNOSTICS, LLC, US
[85] 2018-05-29
[86] 2016-12-22 (PCT/US2016/068288)
[87] (WO2017/116979)
[30] US (62/272,173) 2015-12-29

[21] **3,006,883**
[13] A1
[51] **Int.Cl. H01R 43/01 (2006.01) H01R 4/24 (2018.01)**
[25] EN
[54] **CABLE ASSEMBLY TOOL**
[54] **OUTIL D'ASSEMBLAGE DE CABLE**
[72] PLAMONDON, JEAN-SEBASTIEN, CA
[72] BECQUART, ARTHUR, CA
[72] MILETTE, LUC, CA
[72] CHEVARIE, BENOIT, CA
[72] PILON, VINCENT, CA
[71] BELDEN CANADA INC., CA
[85] 2018-05-30
[86] 2016-12-05 (PCT/CA2016/051424)
[87] (WO2017/091908)
[30] US (62/263,142) 2015-12-04

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[21] **3,006,885**
[13] A1
[51] **Int.Cl. H01R 13/447 (2006.01) H01R 13/639 (2006.01)**
[25] EN
[54] **HINGED CONNECTOR DOOR ASSEMBLY**
[54] **ENSEMBLE DE PORTES DE CONNECTEUR ARTICULEES**
[72] PLAMONDON, JEAN-SEBASTIEN, CA
[72] PILON, VINCENT, CA
[71] BELDEN CANADA INC., CA
[85] 2018-05-30
[86] 2016-12-01 (PCT/CA2016/051409)
[87] (WO2017/091898)
[30] US (62/261,493) 2015-12-01

---

[21] **3,006,886**
[13] A1
[51] **Int.Cl. F16K 31/122 (2006.01) F15B 15/06 (2006.01) F15B 19/00 (2006.01) F16K 31/163 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **PARTIAL STROKE TESTS FOR SHUTDOWN VALVES**
[54] **TESTS DE COURSE PARTIELLE POUR SOUPAPES D'INTERRUPTION**
[72] JUNK, KENNETH W., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2018-05-29
[86] 2016-12-23 (PCT/US2016/068475)
[87] (WO2017/112918)
[30] US (62/387,310) 2015-12-23

---

[21] **3,006,887**
[13] A1
[51] **Int.Cl. E04F 11/00 (2006.01) E04F 11/06 (2006.01)**
[25] FR
[54] **DEVICE FOR HELPING A VEHICLE PASS OVER AN OBSTACLE**
[54] **DISPOSITIF D'ASSISTANCE AU FRANCHISSEMENT D'UN OBSTACLE PAR UN VEHICULE**
[72] BELMAN, PIERRE, FR
[72] ENGLER, FREDERIC, FR
[71] MYD"L", FR
[85] 2018-05-30
[86] 2016-11-30 (PCT/FR2016/053149)
[87] (WO2017/093663)
[30] FR (1561689) 2015-12-01

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[21] **3,006,888**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/134 (2006.01)**
[25] EN
[54] **WELL ABANDONMENT TOOL AND METHOD OF USE**
[54] **OUTIL DE FERMETURE DE PUITS ET PROCEDE D'UTILISATION**
[72] KUNZ, DALE, CA
[71] WINTERHAWK WELL ABANDONMENT LTD., CA
[85] 2018-05-30
[86] 2016-12-05 (PCT/CA2016/051429)
[87] (WO2017/091911)
[30] CA (2913933) 2015-12-04

---

[21] **3,006,889**
[13] A1
[51] **Int.Cl. E04F 11/00 (2006.01)**
[25] FR
[54] **DEVICE FOR HELPING A VEHICLE PASS OVER AN OBSTACLE**
[54] **DISPOSITIF D'ASSISTANCE AU FRANCHISSEMENT D'UN OBSTACLE PAR UN VEHICULE**
[72] BELMAN, PIERRE, FR
[72] ENGLER, FREDERIC, FR
[71] MYD"L", FR
[85] 2018-05-30
[86] 2016-11-30 (PCT/FR2016/053150)
[87] (WO2017/093664)
[30] FR (1561690) 2015-12-01

---

[21] **3,006,890**
[13] A1
[51] **Int.Cl. G01R 31/00 (2006.01)**
[25] EN
[54] **AN INTELLIGENT ASSESSMENT METHOD OF MAIN INSULATION CONDITION OF TRANSFORMER OIL PAPER INSULATION**
[54] **PROCEDE D'EVALUATION INTELLIGENT D'ETAT D'ISOLATION PRINCIPAL D'ISOLATION EN PAPIER D'HUILE DE TRANSFORMATEUR**
[72] LV, YANDONG, CN
[72] YANG, LIJUN, CN
[72] LIAO, RUIJIN, CN
[72] GAO, JUN, CN
[72] XIAO, LIU, CN
[72] COULIBALY, MAMADOU LAMINE, FR
[72] LUNA, GILBERT, FR
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2018-05-30
[86] 2015-12-01 (PCT/CN2015/096085)
[87] (WO2017/091966)

---

[21] **3,006,894**
[13] A1
[51] **Int.Cl. E21B 7/28 (2006.01) E21B 4/18 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR ADVANCING A CAVITY IN UNDERGROUND MINING**
[54] **DISPOSITIF ET PROCEDE DE FORCAGE D'UNE CAVITE DANS UNE EXPLOITATION MINIERE SOUTERRAINE**
[72] COUCHOUD, TIMOTHEE, DE
[72] EDELMANN, THOMAS JOSEPH, DE
[72] RENNKAMP, PATRICK MICHAEL, DE
[72] COUSSEAU, FREDERIC ROBERT, FR
[71] HERRENKNECHT AKTIENGESELLSCHAFT, DE
[85] 2018-05-30
[86] 2016-12-05 (PCT/EP2016/079712)
[87] (WO2017/097692)
[30] DE (10 2015 121 312.5) 2015-12-08

[21] **3,006,896**
[13] A1
[51] **Int.Cl. B65D 51/28 (2006.01)**
[25] EN
[54] **CONTAINER WITH MULTI DEPRESSIBLE CAP PRESS TOP**
[54] **CONTENANT DOTE D'UN DESSUS DE COMPRESSION DE BOUCHON ENFONCABLE MULTIPLE**
[72] VERSLUIJS, RICHARD PATRICK, NL
[72] VAN AMERONGEN, GERARD, NL
[71] TEAMPLAST B.V., NL
[85] 2018-05-30
[86] 2015-12-31 (PCT/EP2015/081471)
[87] (WO2017/114583)

---

[21] **3,006,898**
[13] A1
[51] **Int.Cl. C08G 63/181 (2006.01) C08G 63/189 (2006.01) C08G 63/199 (2006.01) C08G 63/672 (2006.01) C08G 63/78 (2006.01) C08G 63/80 (2006.01) C08J 5/18 (2006.01) C08L 67/02 (2006.01) G02B 1/04 (2006.01)**
[25] FR
[54] **THERMOPLASTIC COPOLYESTERS COMPRISING 1,4 : 3,6-DIANHYDROHEXITOL AND VARIOUS AROMATIC DIACIDS**
[54] **COPOLYESTERS THERMOPLASTIQUES COMPRENANT DU 1,4 : 3,6-DIANHYDROHEXITOL ET DIVERS DIACIDES AROMATIQUES**
[72] JACQUEL, NICOLAS, FR
[72] DEGAND, GABRIEL, FR
[72] SAINT-LOUP, RENE, FR
[71] ROQUETTE FRERES, FR
[85] 2018-05-30
[86] 2016-12-02 (PCT/FR2016/053179)
[87] (WO2017/093684)
[30] FR (15 61757) 2015-12-02

---

[21] **3,006,899**
[13] A1
[51] **Int.Cl. H04N 7/15 (2006.01) H04N 21/4415 (2011.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AN ADVANCED MODERATED ONLINE EVENT**
[54] **SYSTEMES ET PROCEDES POUR UN EVENEMENT EN LIGNE MODERE AVANCE**
[72] DAVE, RAVI, CA
[72] GIBSON, MATTHEW, CA
[71] SYNGRAFII INC., CA
[85] 2018-05-30
[86] 2016-12-06 (PCT/CA2016/051430)
[87] (WO2017/096473)
[30] US (62/264,063) 2015-12-07

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[21] **3,006,900**
[13] A1
[51] **Int.Cl. C07C 273/10 (2006.01) C01B 3/02 (2006.01) C01C 1/04 (2006.01)**
[25] EN
[54] **METHOD FOR THE PROVISION OF CARBON DIOXIDE FOR THE SYNTHESIS OF UREA**
[54] **PROCEDE PERMETTANT D'OBTENIR DU DIOXYDE DE CARBONE POUR LA SYNTHESE DE L'UREE**
[72] MAKHYNYA, YEVGENY, DE
[72] JOHANNING, JOACHIM, DE
[72] DOSTAL, DANIELA, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2018-05-30
[86] 2016-12-08 (PCT/EP2016/080275)
[87] (WO2017/102546)
[30] DE (10 2015 121 756.2) 2015-12-14

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[21] **3,006,904**
[13] A1
[51] **Int.Cl. G02B 27/22 (2018.01)**
[25] EN
[54] **3D DISPLAY APPARATUS**
[54] **APPAREIL D'AFFICHAGE 3D**
[72] ROELEN, WALTHERUS ANTONIUS HENDRIKUS, NL
[72] MARSMAN, HERMAN GEERT, NL
[71] ULTRA-D COOPERATIEF U.A., NL
[85] 2018-05-30
[86] 2016-01-04 (PCT/EP2016/050018)
[87] (WO2017/118469)

---

[21] **3,006,905**
[13] A1
[51] **Int.Cl. C08G 63/181 (2006.01) B32B 27/06 (2006.01) C08G 63/197 (2006.01) C08G 63/199 (2006.01) C08G 63/672 (2006.01) C08G 63/78 (2006.01) C08G 63/80 (2006.01) C08L 67/02 (2006.01) G02B 1/04 (2006.01)**
[25] FR
[54] **AROMATIC THERMOPLASTIC COPOLYESTERS COMPRISING 1,4 : 3,6-DIANHYDROHEXITOL AND VARIOUS CYCLIC DIOLS**
[54] **COPOLYESTERS THERMOPLASTIQUES AROMATIQUES COMPRENANT DU 1,4 : 3,6-DIANHYDROHEXITOL ET DIVERS DIOLS CYCLIQUES**
[72] JACQUEL, NICOLAS, FR
[72] DEGAND, GABRIEL, FR
[72] SAINT-LOUP, RENE, FR
[71] ROQUETTE FRERES, FR
[85] 2018-05-30
[86] 2016-12-02 (PCT/FR2016/053180)
[87] (WO2017/093685)
[30] FR (15 61753) 2015-12-02
[30] FR (16 51205) 2016-02-15

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[21] **3,006,907**
[13] A1
[51] **Int.Cl. B32B 7/10 (2006.01) B32B 1/08 (2006.01) B32B 7/12 (2006.01) B32B 27/08 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) F16L 11/04 (2006.01)**
[25] FR
[54] **MULTILAYER STRUCTURE COMPRISING A LAYER CONTAINING A FLUOROPOLYMER AND ACRYLIC COPOLYMER - ASSOCIATED PRODUCTION METHOD AND TUBE**
[54] **STRUCTURE MULTICOUCHE COMPRENANT UNE COUCHE CONTENANT UN POLYMERE FLUORE ET COPOLYMERE ACRYLIQUE - PROCEDE DE FABRICATION ET TUBE ASSOCIES**
[72] ABGRALL, FLORENT, FR
[72] DEVISME, SAMUEL, FR
[72] LABOUR, THOMAS, FR
[72] RONDIN, JEROME, FR
[71] ARKEMA FRANCE, FR
[85] 2018-05-30
[86] 2016-12-06 (PCT/FR2016/053232)
[87] (WO2017/098139)
[30] FR (1561980) 2015-12-08

[21] **3,006,911**
[13] A1
[51] **Int.Cl. A01N 43/56 (2006.01) A01N 25/00 (2006.01) A01N 53/00 (2006.01) A01N 53/14 (2006.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **PESTICIDALLY ACTIVE PYRAZOLE DERIVATIVES**
[54] **DERIVES DE PYRAZOLE A ACTIVITE PESTICIDE**
[72] JEANGUENAT, ANDRE, CH
[72] EL QACEMI, MYRIEM, CH
[72] PITTERNA, THOMAS, CH
[72] STOLLER, ANDRE, CH
[72] MONDIERE, REGIS JEAN GEORGES, CH
[72] BIGOT, AURELIEN, CH
[72] EDMUNDS, ANDREW, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-05-30
[86] 2016-12-15 (PCT/EP2016/081167)
[87] (WO2017/108569)
[30] EP (15202160.6) 2015-12-22
[30] EP (16169454.2) 2016-05-12

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[21] **3,006,913**
[13] A1
[51] **Int.Cl. C12N 15/67 (2006.01) C12N 1/14 (2006.01) C12N 9/14 (2006.01) C12N 15/81 (2006.01)**
[25] FR
[54] **MUTANT STRAINS OF TRICHODERMA REESEI**
[54] **SOUCHES MUTANTES DE TRICHODERMA REESEI**
[72] BIDARD-MICHELOT, FREDERIQUE, FR
[72] MARGEOT, ANTOINE, FR
[71] IFP ENERGIES NOUVELLES, FR
[85] 2018-05-30
[86] 2016-12-21 (PCT/FR2016/053601)
[87] (WO2017/115033)
[30] FR (15 63382) 2015-12-28

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[21] **3,006,914**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/22 (2006.01) C07K 16/00 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **NOVEL PROTEINS SPECIFIC FOR CALCITONIN GENE-RELATED PEPTIDE**
[54] **NOUVELLES PROTEINES SPECIFIQUES DU PEPTIDE LIE AU GENE DE LA CALCITONINE**
[72] KUBOTA, KAZUFUMI, JP
[72] MAKINO, MITSUHIRO, JP
[72] TAKAHASHI, SAKIKO, JP
[72] HASHIMOTO, RYUJI, JP
[72] TAKAHASHI, TOHRU, JP
[72] OTOYO, MAMORU, JP
[72] MATSCHINER, GABRIELE, DE
[72] ROTHE, CHRISTINE, DE
[72] WIEDENMANN, ALEXANDER, DE
[72] BEL AIBA, RACHIDA SIHAM, DE
[72] HINNER, MARLON, DE
[72] ALLERSDORFER, ANDREA, DE
[72] LUNDE, BRADLEY, DE
[71] PIERIS PHARMACEUTICALS GMBH, DE
[85] 2018-05-30
[86] 2016-12-09 (PCT/EP2016/080353)
[87] (WO2017/097946)
[30] US (62/265,792) 2015-12-10

---

[21] **3,006,917**
[13] A1
[51] **Int.Cl. C07K 14/08 (2006.01) A61K 39/12 (2006.01) C12N 7/00 (2006.01) C12N 7/04 (2006.01)**
[25] EN
[54] **FELINE CALICIVIRUS VACCINE**
[54] **VACCIN CONTRE LE CALICIVIRUS FELIN**
[72] SHEHU, ERALD, GB
[72] BHOGLE, AMRUT SHRIDHAR, GB
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2018-05-30
[86] 2016-12-22 (PCT/EP2016/082330)
[87] (WO2017/109045)
[30] EP (15202594.6) 2015-12-23

---

[21] **3,006,921**
[13] A1
[51] **Int.Cl. A61K 39/12 (2006.01) C07K 14/005 (2006.01) C12N 7/04 (2006.01)**
[25] EN
[54] **PESTIVIRUS MARKER VACCINE**
[54] **VACCIN MARQUEUR DE PESTIVIRUS**
[72] REIMANN, ILONA, DE
[72] KONIG, PATRICIA, DE
[72] BEER, MARTIN, DE
[71] INTERVET INTERNATIONAL B.V., NL
[85] 2018-05-30
[86] 2016-12-23 (PCT/EP2016/082537)
[87] (WO2017/114778)
[30] EP (15203202.5) 2015-12-30

---

[21] **3,006,923**
[13] A1
[51] **Int.Cl. G07B 15/00 (2011.01) B64F 1/30 (2006.01)**
[25] EN
[54] **SYSTEM FOR THE INTEGRAL CONTROL OF PASSENGERS AND BAGGAGE**
[54] **SYSTEME DE COMMANDE INTEGRAL DE PASSAGERS ET DE BAGAGES**
[72] CASTRO MAILLO, RAFAEL, ES
[71] SISTEMAS TECNICOS Y MONTAJES, S.L., ES
[85] 2018-05-30
[86] 2016-11-07 (PCT/ES2016/070787)
[87] (WO2017/077167)
[30] ES (P201531600) 2015-11-06

[21] **3,006,924**
[13] A1
[51] **Int.Cl. C23C 16/24 (2006.01) C23C 16/32 (2006.01) C23C 16/34 (2006.01) C23C 16/44 (2006.01) C23C 16/442 (2006.01)**
[25] EN
[54] **METHOD FOR DEPOSITING AN IN SITU COATING ONTO THERMALLY AND CHEMICALLY LOADED COMPONENTS OF A FLUIDIZED BED REACTOR FOR PRODUCING HIGH-PURITY POLYSILICON**
[54] **PROCEDE DE DEPOT D'UN REVETEMENT IN-SITU SUR DES PIECES SOLLICITEES THERMIQUEMENT ET CHIMIQUEMENT D'UN REACTEUR A LIT FLUIDISE POUR L'OBTENTION DE POLYSILICIUM DE HAUTE PURETE**
[72] PEDRON, SIMON, DE
[71] WACKER CHEMIE AG, DE
[85] 2018-05-30
[86] 2017-02-23 (PCT/EP2017/054255)
[87] (WO2017/144625)
[30] DE (10 2016 203 082.5) 2016-02-26

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[21] **3,006,927**
[13] A1
[51] **Int.Cl. C23C 4/10 (2016.01) C23C 4/06 (2016.01) C23C 28/00 (2006.01) C23C 28/02 (2006.01)**
[25] EN
[54] **WEAR RESISTANT SLURRY HANDLING EQUIPMENT**
[54] **EQUIPEMENT DE MANIPULATION DE SUSPENSION RESISTANT A L'USURE**
[72] D'INTRONO, FABIO, IT
[72] CURTIS, TODD C., US
[72] DEL VESCOVO, CARLO, IT
[72] GRAY, DENNIS MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-05-30
[86] 2015-12-11 (PCT/IB2015/002380)
[87] (WO2017/098295)

---

[21] **3,006,929**
[13] A1
[51] **Int.Cl. C22F 1/04 (2006.01) C22F 1/06 (2006.01)**
[25] EN
[54] **METHOD OF FORMING COMPONENTS FROM SHEET MATERIAL**
[54] **PROCEDE DE FORMAGE DE PIECES A PARTIR DE MATERIAU SOUS FORME DE TOLE**
[72] FOSTER, ALISTAIR, GB
[71] IMPRESSION TECHNOLOGIES LIMITED, GB
[85] 2018-05-30
[86] 2016-12-05 (PCT/GB2016/053830)
[87] (WO2017/093767)
[30] GB (1521443.0) 2015-12-04

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[21] **3,006,930**
[13] A1
[51] **Int.Cl. C07H 21/00 (2006.01) A61K 31/7084 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CYCLIC PURINE DINUCLEOTIDES AS MODULATORS OF STING**
[54] **DINUCLEOTIDES CYCLIQUES DE PURINE A TITRE DE MODULATEURS DU STING**
[72] ADAMS, JERRY LEROY, US
[72] DUFFY, KEVIN J., US
[72] LIAN, YIQIAN, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-05-30
[86] 2016-12-01 (PCT/IB2016/057265)
[87] (WO2017/093933)
[30] US (62/262,668) 2015-12-03
[30] US (62/299,253) 2016-02-24
[30] US (62/299,704) 2016-02-25
[30] US (62/327,579) 2016-04-26
[30] US (62/332,517) 2016-05-06

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[21] **3,006,932**
[13] A1
[51] **Int.Cl. B65H 45/20 (2006.01) B65H 5/22 (2006.01) B65H 20/10 (2006.01) B65H 29/24 (2006.01) B65H 45/24 (2006.01)**
[25] EN
[54] **WEB OR SHEET CONVEYING UNIT FOR PAPER CONVERTING MACHINES AND FOLDING OR INTERFOLDING MACHINE WITH SUCH CONVEYING UNIT**
[54] **UNITE DE TRANSPORT DE BANDE OU FEUILLE POUR MACHINES DE CONVERSION DE PAPIER ET MACHINE DE PLIAGE OU PLIAGE ENCHEVETRE EQUIPEE D'UNE TELLE UNITE DE TRANSPORT**
[72] DE MATTEIS, ALESSANDRO, IT
[71] M.T.C. - MACCHINE TRASFORMAZIONE CARTA SRL, IT
[85] 2018-05-30
[86] 2016-12-19 (PCT/IB2016/057772)
[87] (WO2017/109670)
[30] IT (102015000087107) 2015-12-23

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[21] **3,006,934**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION TREATMENTS AND USES AND METHODS THEREOF**
[54] **TRAITEMENTS COMBINES, ET UTILISATIONS ET METHODES ASSOCIEES**
[72] MAYES, PATRICK A., US
[72] SEESTALLER-WEHR, LAURA M., US
[72] TSVETKOV, LYUBEN, US
[72] YANAMANDRA, NIRANJAN, US
[72] YANG, JINGSONG, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2018-05-30
[86] 2016-12-01 (PCT/IB2016/057275)
[87] (WO2017/093942)
[30] US (62/261,481) 2015-12-01

[21] **3,006,936**
[13] A1
[51] **Int.Cl. B25H 3/02 (2006.01) B65D 21/00 (2006.01)**
[25] EN
[54] **CONTAINER ASSEMBLY**
[54] **ENSEMBLE CONTENANT**
[72] BRUNNER, YARON, IL
[71] KETER PLASTIC LTD., IL
[85] 2018-05-30
[86] 2016-12-08 (PCT/IL2016/051315)
[87] (WO2017/098513)
[30] US (62/265,507) 2015-12-10
[30] US (62/302,235) 2016-03-02

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[21] **3,006,937**
[13] A1
[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR STEEL PIPE**
[54] **JOINT FILETE POUR TUBE EN ACIER**
[72] INOSE, KEITA, JP
[72] SUGINO, MASAAKI, JP
[72] DOUCHI, SADAO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2018-05-30
[86] 2016-11-02 (PCT/JP2016/082567)
[87] (WO2017/104282)
[30] JP (2015-244620) 2015-12-15

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[21] **3,006,938**
[13] A1
[51] **Int.Cl. B81B 7/00 (2006.01) G01L 1/00 (2006.01)**
[25] EN
[54] **MICRO ELECTRO-MECHANICAL STRAIN DISPLACEMENT SENSOR AND USAGE MONITORING SYSTEM**
[54] **CAPTEUR DE CONTRAINTE ET DE DEPLACEMENT MICROELECTROMECANIQUE ET SYSTEME DE CONTROLE D'USAGE**
[72] OKULOV, PAUL D., RU
[71] OKULOV, PAUL D., RU
[85] 2018-05-30
[86] 2015-12-09 (PCT/IB2015/059451)
[87] (WO2016/092475)
[30] US (62/090,001) 2014-12-10

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[21] **3,006,940**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **DESIGN TOOLS AND METHODS FOR DESIGNING INDOOR AND OUTDOOR WAVEGUIDE SYSTEM NETWORKS**
[54] **OUTILS ET PROCEDES DE CONCEPTION DE RESEAUX A SYSTEMES DE GUIDES D'ONDES EN INTERIEUR ET EN EXTERIEUR**
[72] DEWELL, JAMES GARRETT, US
[72] HOPPER, DAVID BARTH, US
[72] JENSEN, JOSEPH CLINTON, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2018-05-30
[86] 2016-11-15 (PCT/US2016/062036)
[87] (WO2017/095623)
[30] US (62/260,863) 2015-11-30

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[21] **3,006,941**
[13] A1
[51] **Int.Cl. H04N 19/31 (2014.01) H04N 19/114 (2014.01) H04N 19/136 (2014.01) H04N 19/177 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **VIDEO ENCODING METHOD, VIDEO ENCODING DEVICE, VIDEO DECODING METHOD,_VIDEO DECODING DEVICE, PROGRAM, AND VIDEO SYSTEM**
[54] **PROCEDE DE CODAGE VIDEO, APPAREIL DE CODAGE VIDEO, PROCEDE DE DECODAGE VIDEO, APPAREIL DE DECODAGE VIDEO, PROGRAMME ET SYSTEME VIDEO**
[72] ISHIDA, TAKAYUKI, JP
[72] CHONO, KEIICHI, JP
[71] NEC CORPORATION, JP
[85] 2018-05-30
[86] 2016-11-14 (PCT/JP2016/083681)
[87] (WO2017/094482)
[30] JP (2015-235525) 2015-12-02

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[21] **3,006,942**
[13] A1
[51] **Int.Cl. G01M 5/00 (2006.01) B60C 23/00 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR MEASURING DEFORMATION OF A SURFACE**
[54] **PROCEDE ET SYSTEME DE MESURE DE DEFORMATION DE SURFACE**
[72] SALT, GRAHAM ALEXANDER, NZ
[71] PAVEMENT ANALYTICS LIMITED, NZ
[85] 2018-05-30
[86] 2016-12-02 (PCT/NZ2016/050191)
[87] (WO2017/095239)
[30] NZ (714896) 2015-12-04
[30] NZ (720276) 2016-05-18

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[21] **3,006,945**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/18 (2006.01) C22C 38/54 (2006.01)**
[25] EN
[54] **METHOD FOR SELECTING RAIL STEEL AND WHEEL STEEL**
[54] **PROCEDE DE SELECTION D'UN ACIER DE RAIL ET D'UN ACIER DE ROUE**
[72] HONJO, MINORU, JP
[72] KIMURA, TATSUMI, JP
[72] ICHIMIYA, KATSUYUKI, JP
[72] HASE, KAZUKUNI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-05-30
[86] 2016-12-14 (PCT/JP2016/087276)
[87] (WO2017/104719)
[30] JP (2015-244419) 2015-12-15

[21] **3,006,946**
[13] A1
[51] **Int.Cl. C07D 249/08 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING 2-[4-(4-CHLOROPHENOXY)-2-(TRIFLUOROMETHYL)PHENYL]-1-(1,2,4-TRIAZOL-1-YL)PROPAN-2-OL**
[54] **PROCEDE DE PRODUCTION DU 2-[4-(4-CHLOROPHENOXY)-2-(TRIFLUOROMETHYL)PHENYL]-1-(1,2,4-TRIAZOL-1-YL)PROPAN-2-OL**
[72] GEBHARDT, JOACHIM, DE
[72] SAELINGER, DANIEL, DE
[72] EHRESMANN, MANFRED, DE
[72] GOETZ, ROLAND, DE
[71] BASF AGRO B.V., NL
[85] 2018-05-30
[86] 2016-12-15 (PCT/EP2016/081113)
[87] (WO2017/102905)
[30] EP (15201269.6) 2015-12-18

[21] **3,006,949**
[13] A1
[51] **Int.Cl. C01B 13/14 (2006.01) C01F 17/00 (2006.01) C01G 9/02 (2006.01) C01G 49/00 (2006.01) C01G 49/06 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING COLOR CHARACTERISTIC-CONTROLLED OXIDE PARTICLES, OXIDE PARTICLES, AND COATING OR FILM COMPOSITION CONTAINING SAID OXIDE PARTICLES**
[54] **PROCEDE DE PRODUCTION DE PARTICULES D'OXYDE A CARACTERISTIQUES DE COULEUR CONTROLEES, PARTICULES D'OXYDE, ET COMPOSITION DE REVETEMENT OU COMPOSITION DE FILM COMPORTANT LESDITES PARTICULES D'OXYDE**
[72] ENOMURA, MASAKAZU, JP
[72] HONDA, DAISUKE, JP
[71] M. TECHNIQUE CO., LTD., JP
[85] 2018-05-30
[86] 2017-02-02 (PCT/JP2017/003876)
[87] (WO2017/135393)
[30] JP (2016-018434) 2016-02-02
[30] JP (2016-018435) 2016-02-02
[30] JP (2016-111346) 2016-06-02
[30] JP (PCT/JP2016/066542) 2016-06-03
[30] JP (2016-123800) 2016-06-22
[30] JP (PCT/JP2016/079709) 2016-10-05
[30] JP (PCT/JP2016/079710) 2016-10-05
[30] JP (PCT/JP2016/079700) 2016-10-05
[30] JP (PCT/JP2016/083001) 2016-11-07
[30] JP (PCT/JP2016/085460) 2016-11-29

[21] **3,006,950**
[13] A1
[51] **Int.Cl. B23K 33/00 (2006.01) B23K 26/60 (2014.01) B23K 9/02 (2006.01) B23K 9/035 (2006.01) B23K 11/34 (2006.01) B23K 15/00 (2006.01)**
[25] EN
[54] **PROCESS OF BUTT-WELDING A LAMINATED ITEM, AND AN ASSEMBLY COMPRISING A BUTT-WELDED LAMINATED ITEM**
[54] **PROCEDE DE SOUDAGE BOUT A BOUT D'UN ARTICLE STRATIFIE, ET ENSEMBLE COMPRENANT UN ARTICLE STRATIFIE SOUDE BOUT A BOUT**
[72] YUEN, SIMON KAM-SANG, CA
[72] SERATE, DUANE GO, CA
[72] DE JONG, JOHANNES A, NL
[72] AGGENBACH, ETIENNE LJM, NL
[71] G.C.C.HOLDING B.V., NL
[85] 2018-05-30
[86] 2016-12-12 (PCT/NL2016/050866)
[87] (WO2017/105226)
[30] NL (2015990) 2015-12-18

[21] **3,006,951**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPONENTS FOR TRANSFERRING MEDICAL FLUIDS**
[54] **SYSTEMES, PROCEDES ET COMPOSANTS POUR LE TRANSFERT DE FLUIDES MEDICAUX**
[72] FANGROW, THOMAS F., US
[71] ICU MEDICAL, INC., US
[85] 2018-05-30
[86] 2016-12-01 (PCT/US2016/064467)
[87] (WO2017/096072)
[30] US (62/263,541) 2015-12-04
[30] US (62/360,900) 2016-07-11

[21] **3,006,952**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/09 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **SYNP161, A PROMOTER FOR THE SPECIFIC EXPRESSION OF GENES IN ROD PHOTORECEPTORS**
[54] **SYNP161, UN PROMOTEUR DE L'EXPRESSION SPECIFIQUE DES GENES DANS LES PHOTORECEPTEURS QUE SONT LES BATONNETS**
[72] HARTL, DOMINIK, CH
[72] SCHUEBELER, DIRK, CH
[72] ROSKA, BOTOND, CH
[72] KREBS, ARNAUD, CH
[72] JUETTNER, JOSEPHINE, CH
[71] FRIEDRICH MIESCHER INSTITUTE FOR BIOMEDICAL RESEARCH, CH
[85] 2018-05-30
[86] 2016-12-01 (PCT/IB2016/057267)
[87] (WO2017/093935)
[30] EP (15197901.0) 2015-12-03

---

[21] **3,006,953**
[13] A1
[51] **Int.Cl. G01V 1/00 (2006.01) G01V 1/16 (2006.01) G01V 1/28 (2006.01)**
[25] EN
[54] **LAND SEISMIC SENSOR SPREAD WITH ADJACENT MULTICOMPONENT SEISMIC SENSOR PAIRS ON AVERAGE AT LEAST TWENTY METERS APART**
[54] **ETALEMENT DE CAPTEURS SISMIQUES TERRESTRES AVEC DES PAIRES DE CAPTEURS SISMIQUES MULTICOMPOSANTES ESPACEES EN MOYENNE D'AU MOINS VINGT METRES**
[72] EL ALLOUCHE, NIHED, GB
[72] OZBEK, ALI, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2018-05-30
[86] 2016-12-01 (PCT/US2016/064481)
[87] (WO2017/096081)
[30] US (62/261,934) 2015-12-02

---

[21] **3,006,954**
[13] A1
[51] **Int.Cl. A61K 9/19 (2006.01) A61K 31/663 (2006.01) A61K 31/7068 (2006.01) A61K 47/02 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **STABLE DOSAGE FORM OF ETIDRONATE-CYTARABINE CONJUGATE, AND USE THEREOF**
[54] **FORME GALENIQUE STABILISE D'UN CONJUGUE D'ETHYDRONATE AVEC LE CITRABINE ET SON UTILISATION**
[72] IVANOVA, EKATERINA ALEKSEEVNA, RU
[72] KARPEISKY, ALEXANDER, US
[72] ZINNEN, SHAWN P., US
[72] CARALLI, LISA LYNN, US
[72] SALURIALAM, RINA DIANA, US
[71] OSTEROS BIOMEDICA LTD., RU
[85] 2018-05-30
[86] 2016-11-28 (PCT/RU2016/050076)
[87] (WO2017/095274)
[30] RU (2015151450) 2015-12-01

---

[21] **3,006,956**
[13] A1
[51] **Int.Cl. F25J 1/02 (2006.01) F25J 1/00 (2006.01)**
[25] EN
[54] **EXPANDER-BASED LNG PRODUCTION PROCESSES ENHANCED WITH LIQUID NITROGEN**
[54] **PROCEDES DE PRODUCTION DE GNL FAISANT INTERVENIR UN DETENDEUR ET AMELIORES AVEC DE L'AZOTE LIQUIDE**
[72] PIERRE, FRITZ, JR., US
[72] MILES, MICHAEL W., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-05-30
[86] 2016-11-10 (PCT/US2016/061246)
[87] (WO2017/105680)
[30] US (62/266,979) 2015-12-14

---

[21] **3,006,957**
[13] A1
[51] **Int.Cl. F25J 1/02 (2006.01) F25J 1/00 (2006.01)**
[25] EN
[54] **METHOD OF NATURAL GAS LIQUEFACTION ON LNG CARRIERS STORING LIQUID NITROGEN**
[54] **PROCEDE DE LIQUEFACTION DE GAZ NATUREL SUR DES METHANIERS STOCKANT DE L'AZOTE LIQUIDE**
[72] PIERRE, FRITZ, JR., US
[72] VICTORY, DONALD J., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-05-30
[86] 2016-11-10 (PCT/US2016/061249)
[87] (WO2017/105681)
[30] US (62/266,983) 2015-12-14

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[21] **3,006,959**
[13] A1
[51] **Int.Cl. G01V 1/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CORRECTION OF RECEIVER CLOCK DRIFT**
[54] **SYSTEME ET PROCEDE POUR LA CORRECTION DE DERIVE D'HORLOGE DE RECEPTEUR SISMIQUE**
[72] ETGEN, JOHN THEODORE, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2018-05-30
[86] 2016-12-05 (PCT/US2016/064891)
[87] (WO2017/105885)
[30] US (62/269,459) 2015-12-18
[30] US (62/319,860) 2016-04-08

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[21] **3,006,960**
[13] A1
[51] **Int.Cl. B65D 63/08 (2006.01) F16L 33/08 (2006.01)**
[25] EN
[54] **HOSE CLAMP**
[54] **COLLIER DE SERRAGE DE TUYAU**
[72] GEESE, BRIAN T., US
[72] VANG, JULIA, US
[71] NORMA U.S. HOLDING LLC, US
[85] 2018-05-30
[86] 2016-11-21 (PCT/US2016/063105)
[87] (WO2017/095683)
[30] US (14/954,893) 2015-11-30

[21] **3,006,961**
[13] A1
[51] **Int.Cl. B66B 17/26 (2006.01) B66B 1/40 (2006.01)**
[25] EN
[54] **METHOD FOR ACTUATING A HOIST, HOIST AND CONTROL DEVICE FOR ACTUATING A HOIST DRIVE**
[54] **PROCEDE DE COMMANDE D'UNE MACHINE D'EXTRACTION, MACHINE D'EXTRACTION ET DISPOSITIF DE COMMANDE PERMETTANT DE COMMANDER L'ENTRAINEMENT D'UNE MACHINE D'EXTRACTION**
[72] BECKER, NORBERT, DE
[72] GEBHARD, ROLAND, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-05-30
[86] 2016-11-03 (PCT/EP2016/076500)
[87] (WO2017/092959)
[30] EP (15197467.2) 2015-12-02

[21] **3,006,963**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **ANTI-OX40 ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-OX40 ET LEURS PROCEDES D'UTILISATION**
[72] WILSON, NICHOLAS S., US
[72] WAIGHT, JEREMY D., US
[72] BREOUS-NYSTROM, EKATERINA V., CH
[72] SEIBERT, VOLKER, DE
[72] RITTER, GERD, US
[72] SCHAER, DAVID, US
[72] HIRSCHHORN-CYMERMAN, DANIEL, US
[72] MERGHOUB, TAHA, US
[72] VAN DIJK, MARC, NL
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH LTD., CH
[71] AGENUS INC., US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2018-05-30
[86] 2016-12-02 (PCT/US2016/064649)
[87] (WO2017/096182)
[30] US (62/262,379) 2015-12-03
[30] US (62/328,538) 2016-04-27

[21] **3,006,964**
[13] A1
[51] **Int.Cl. G01S 5/14 (2006.01) G01S 13/87 (2006.01)**
[25] EN
[54] **SYSTEM, CONTROL DEVICE AND METHOD FOR POSITION DETECTION**
[54] **SYSTEME, DISPOSITIF DE COMMANDE ET PROCEDE DE DETECTION DE POSITION**
[72] VAN DEN DUNGEN, WILHELMUS ANDREAS MARINUS ARNOLDUS MARIA, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2018-05-30
[86] 2016-11-18 (PCT/EP2016/078090)
[87] (WO2017/093043)
[30] EP (15197464.9) 2015-12-02

[21] **3,006,965**
[13] A1
[51] **Int.Cl. A61H 1/00 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **MATTRESS MASSAGE SYSTEM AND METHOD FOR MATTRESS MASSAGE**
[54] **SYSTEME DE MASSAGE SUR MATELAS ET PROCEDE POUR MASSAGE SUR MATELAS**
[72] NIEDERKOFLER, HAYMO, AT
[71] LOGICDATA ELECTRONIC & SOFTWARE ENTWICKLUNGS GMBH, AT
[85] 2018-05-30
[86] 2016-12-02 (PCT/EP2016/079627)
[87] (WO2017/093505)
[30] DE (10 2015 121 161.0) 2015-12-04

[21] **3,006,966**
[13] A1
[51] **Int.Cl. A61K 31/44 (2006.01) A01N 43/42 (2006.01)**
[25] EN
[54] **PIPERIDINYL NOCICEPTIN RECEPTOR COMPOUNDS**
[54] **COMPOSES DE PIPERIDINYLE POUR RECEPTEUR DE NOCICEPTINE**
[72] ZAVERI, NURULAIN T., US
[72] MEYER, MICHAEL, US
[72] JOURNIGAN, V. BLAIR, US
[72] YASUDA, DENNIS, US
[71] ASTRAEA THERAPEUTICS, LLC, US
[71] ZAVERI, NURULAIN T., US
[71] MEYER, MICHAEL, US
[71] JOURNIGAN, V. BLAIR, US
[71] YASUDA, DENNIS, US
[85] 2018-05-30
[86] 2016-12-02 (PCT/US2016/064854)
[87] (WO2017/096323)
[30] US (62/261,871) 2015-12-02

[21] **3,006,968**
[13] A1
[51] **Int.Cl. A61B 5/048 (2006.01) A61B 5/0476 (2006.01) A61B 5/16 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR PREDICTING, SCREENING AND MONITORING OF ENCEPHALOPATHY/DELIRIUM**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE PREDICTION, DE DEPISTAGE ET DE SURVEILLANCE D'ENCEPHALOPATHIE/DELIRE**
[72] CROMWELL, JOHN, US
[72] SHINOZAKI, GEN, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2018-05-30
[86] 2016-12-05 (PCT/US2016/064937)
[87] (WO2017/096358)
[30] US (62/263,325) 2015-12-04

[21] **3,006,969**
[13] A1
[51] **Int.Cl. A61F 13/511 (2006.01) D04H 3/07 (2012.01) D04H 3/14 (2012.01) D04H 3/16 (2006.01)**
[25] EN
[54] **SHAPED NONWOVEN**
[54] **NON-TISSE MIS EN FORME**
[72] ASHRAF, ARMAN, US
[72] WEISMAN, PAUL THOMAS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-05-30
[86] 2016-12-08 (PCT/US2016/065561)
[87] (WO2017/105997)
[30] US (62/268,759) 2015-12-17

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[21] **3,006,970**
[13] A1
[51] **Int.Cl. B22F 1/00 (2006.01) A61F 2/30 (2006.01) A61F 2/38 (2006.01) B01D 24/00 (2006.01) B01D 29/66 (2006.01) B01D 35/30 (2006.01) B01D 39/06 (2006.01)**
[25] EN
[54] **POROUS DEVICES MADE BY LASER ADDITIVE MANUFACTURING**
[54] **DISPOSITIFS POREUX OBTENUS PAR FABRICATION ADDITIVE PAR LASER**
[72] PALUMBO, VINCENT P., US
[72] ROMANO, ALFRED, US
[72] LISITANO, JOHN, US
[72] STEELE, JAMES, US
[72] GABRIEL, JOSEPH M., US
[72] RUBOW, KENNETH L., US
[71] MOTT CORPORATION, US
[85] 2018-05-30
[86] 2016-12-30 (PCT/US2016/069487)
[87] (WO2017/117527)
[30] US (62/273,118) 2015-12-30

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[21] **3,006,971**
[13] A1
[51] **Int.Cl. H04B 17/00 (2015.01)**
[25] EN
[54] **FAST PROBING OF SIGNAL QUALITY IN A WDM NETWORK**
[54] **SONDAGE RAPIDE DE QUALITE DE SIGNAL DANS UN RESEAU WDM**
[72] KILPER, DANIEL, US
[72] AHSAN, ATIYAH SAYYIDAH, US
[72] BERGMAN, KEREN, US
[71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2018-05-30
[86] 2016-12-05 (PCT/US2016/064911)
[87] (WO2017/096349)
[30] US (62/262,882) 2015-12-03
[30] US (62/304,637) 2016-03-07

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[21] **3,006,972**
[13] A1
[51] **Int.Cl. C12N 9/00 (2006.01) C07K 14/37 (2006.01) C12N 9/24 (2006.01) C12N 9/96 (2006.01) C12N 15/52 (2006.01) C12P 17/18 (2006.01)**
[25] EN
[54] **NOVEL PROTEINS FROM ANAEROBIC FUNGI AND USES THEREOF**
[54] **NOUVELLES PROTEINES PROVENANT DE CHAMPIGNONS ANAEROBIES ET UTILISATIONS CORRESPONDANTES**
[72] O'MALLEY, MICHELLE, US
[72] SOLOMON, KEVIN, US
[72] HAITJEMA, CHARLES, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-05-30
[86] 2016-12-08 (PCT/US2016/065579)
[87] (WO2017/100429)
[30] US (62/265,397) 2015-12-09
[30] US (62/296,064) 2016-02-16

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[21] **3,006,974**
[13] A1
[51] **Int.Cl. G05D 1/00 (2006.01)**
[25] EN
[54] **AUTONOMOUS MISSION ACTION ALTERATION**
[54] **MODIFICATION D'ACTION DE MISSION AUTONOME**
[72] CLARK, ROBERT PARKER, US
[71] KESPRY INC., US
[85] 2018-05-30
[86] 2016-11-23 (PCT/US2016/063669)
[87] (WO2017/091768)
[30] US (62/258,917) 2015-11-23

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[21] **3,006,975**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61M 1/34 (2006.01) A61M 1/36 (2006.01) A61M 27/00 (2006.01) G01N 33/48 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE CONDITIONING OF CEREBROSPINAL FLUID**
[54] **SYSTEMES ET PROCEDES POUR LE CONDITIONNEMENT DU LIQUIDE CEPHALORACHIDIEN**
[72] HEDSTROM, BLAKE, US
[72] LAD, SHIVANAND, US
[72] MCCABE, AARON, US
[72] MEYERING, EMILY, US
[72] MONDRY, JACK, US
[72] SAWHNEY, AMI, US
[72] SCHEURER, ELIZABETH, US
[72] STOLL, MATT, US
[72] VASE, ABHI, US
[71] MINNETRONIX, INC., US
[85] 2018-05-30
[86] 2016-12-02 (PCT/US2016/064721)
[87] (WO2017/096228)
[30] US (62/263,305) 2015-12-04

[21] **3,006,976**
[13] A1
[51] **Int.Cl. C07C 6/06 (2006.01) B01J 31/22 (2006.01)**
[25] EN
[54] **OLEFIN METATHESIS CATALYSTS**
[54] **CATALYSEURS DE METATHESE D'OLEFINES**
[72] JOHNS, ADAM M., US
[72] MONTGOMERY, T. PATRIC, US
[72] AHMED, TONIA S., US
[72] GRUBBS, ROBERT H., US
[72] PEDERSON, RICHARD L., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[71] UMICORE AG & CO. KG, DE
[85] 2018-05-30
[86] 2016-12-09 (PCT/US2016/065844)
[87] (WO2017/100585)
[30] US (62/377,337) 2016-08-19
[30] US (62/265,575) 2015-12-10

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[21] **3,006,978**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01)**
[25] EN
[54] **CONTROLLER FOR A ROD PUMPING UNIT AND METHOD OF OPERATION**
[54] **DISPOSITIF DE COMMANDE POUR UNE UNITE DE POMPAGE A TIGE ET PROCEDE DE FONCTIONNEMENT**
[72] AL ASSAD, OMAR, US
[72] SIVARAMAKRISHNAM, SHYAM, US
[72] SINGAL, KALPESH, US
[72] BARTON, JUSTIN EDWIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-05-30
[86] 2016-12-09 (PCT/US2016/065966)
[87] (WO2017/100669)
[30] US (14/965,484) 2015-12-10

---

[21] **3,006,979**
[13] A1
[51] **Int.Cl. A47C 4/04 (2006.01) A47C 4/24 (2006.01) A47C 5/10 (2006.01) A47C 7/16 (2006.01) A47C 7/18 (2006.01)**
[25] EN
[54] **CHAIR**
[54] **CHAISE**
[72] PHILLIPS, GARY, US
[71] LIFETIME PRODUCTS, INC., US
[85] 2018-05-30
[86] 2016-12-09 (PCT/US2016/065907)
[87] (WO2017/100631)
[30] US (62/265,340) 2015-12-09
[30] US (15/373,457) 2016-12-08

---

[21] **3,006,980**
[13] A1
[51] **Int.Cl. F41H 5/04 (2006.01) B32B 7/12 (2006.01) B32B 27/00 (2006.01) F41H 5/02 (2006.01)**
[25] EN
[54] **PROTECTIVE SHIELDS**
[54] **ECRANS DE PROTECTION**
[72] NICKODEMUS, TIMOTHY DAVID, US
[71] EQUIPMENT ARMOR, INC., US
[85] 2018-05-30
[86] 2016-11-30 (PCT/US2016/064077)
[87] (WO2017/095847)
[30] US (62/260,708) 2015-11-30

---

[21] **3,006,981**
[13] A1
[51] **Int.Cl. A01K 11/00 (2006.01)**
[25] EN
[54] **ANIMAL ENVIRONMENTAL AND PHYSIOLOGICAL MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ENVIRONNEMENTALE ET PHYSIOLOGIQUE D'ANIMAUX**
[72] RETTEDAL, NICHOLAS P., US
[72] WEILNAU, STEPHEN M., US
[72] COCKROFT, SCOTT R., US
[72] JANUS, JOSEPH, IV, US
[71] ST REPRODUCTIVE TECHNOLOGIES, LLC, US
[85] 2018-05-30
[86] 2016-12-09 (PCT/US2016/066012)
[87] (WO2017/106055)
[30] US (14/970,289) 2015-12-15

---

[21] **3,006,982**
[13] A1
[51] **Int.Cl. C23C 4/06 (2016.01) C23C 4/129 (2016.01) C23C 18/16 (2006.01) C23C 18/32 (2006.01) C23C 28/00 (2006.01) F04B 47/00 (2006.01) F04B 47/02 (2006.01) F04D 7/04 (2006.01)**
[25] EN
[54] **COATINGS FOR REDUCING WEAR ON ROD PUMP COMPONENTS**
[54] **REVETEMENTS POUR REDUIRE L'USURE DES COMPOSANTS D'UNE POMPE A TIGE**
[72] KOOL, LAWRENCE BERNARD, US
[72] GRAY, DENNIS MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2018-05-30
[86] 2016-12-12 (PCT/US2016/066092)
[87] (WO2017/100739)
[30] US (14/966,841) 2015-12-11

---

[21] **3,006,983**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 50/10 (2012.01) G06Q 50/14 (2012.01)**
[25] EN
[54] **SUGGESTED PICKUP LOCATION FOR RIDE SERVICES**
[54] **EMPLACEMENT DE RAMASSAGE PROPOSE POUR DES SERVICES DE TRANSPORT**
[72] TOLKIN, BRIAN, US
[72] XU, QING, US
[72] AREF, SAMI, US
[72] NG, PETER, US
[72] YAMASHITA, YUHKI BRENT, US
[72] KAR, SIDDHARTH, US
[72] GOEL, NIKHIL, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2018-05-30
[86] 2016-12-09 (PCT/US2016/066030)
[87] (WO2017/100719)
[30] US (62/265,747) 2015-12-10
[30] US (15/228,732) 2016-08-04

[21] **3,006,984**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **CHIMERIC AND HUMANIZED ANTI-HUMAN CTLA4 MONOCLONAL ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS MONOCLONAUX CHIMERIQUES ET HUMANISES ANTI-CTLA4 HUMAINE, ET LEURS UTILISATIONS**
[72] LIU, YANG, US
[72] ZHENG, PAN, US
[72] DEVENPORT, MARTIN, US
[71] ONCOIMMUNE, INC., US
[85] 2018-05-30
[86] 2016-12-14 (PCT/US2016/066698)
[87] (WO2017/106372)
[30] US (62/267,735) 2015-12-15
[30] US (62/309,169) 2016-03-16
[30] US (62/359,036) 2016-07-06

---

[21] **3,006,985**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) B01L 3/00 (2006.01) G01N 1/28 (2006.01) G01N 15/10 (2006.01)**
[25] EN
[54] **DIGITAL MICROFLUIDIC SYSTEM FOR SINGLE-CELL ISOLATION AND CHARACTERIZATION OF ANALYTES**
[54] **SYSTEME MICROFLUIDIQUE NUMERIQUE POUR L'ISOLEMENT DE CELLULES UNIQUES ET LA CARACTERISATION D'ANALYTES**
[72] JAMSHIDI, ARASH, US
[72] LIN, YAN-YOU, US
[72] ABSALAN, FARNAZ, US
[72] STUART, SARAH, US
[72] CANN, GORDON, US
[72] WU, YIR-SHYUAN, US
[72] KHURANA, TARUN, US
[72] FISHER, JEFFREY S., US
[71] ILLUMINA, INC., US
[85] 2018-05-30
[86] 2016-11-30 (PCT/US2016/064206)
[87] (WO2017/095917)
[30] US (62/261,786) 2015-12-01
[30] US (62/281,510) 2016-01-21
[30] US (62/314,071) 2016-03-28
[30] US (62/358,968) 2016-07-06

---

[21] **3,006,986**
[13] A1
[51] **Int.Cl. C08G 69/28 (2006.01)**
[25] EN
[54] **A SOLVENT-FREE MELT POLYCONDENSATION PROCESS OF MAKING FURAN-BASED POLYAMIDES**
[54] **PROCEDE DE FABRICATION DE POLYAMIDES A BASE DE FURANE PAR POLYCONDENSATION A L'ETAT FONDU SANS SOLVANT**
[72] PERCEC, SIMONA, US
[72] BAIR, STEPHEN NEAL, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-05-30
[86] 2016-12-15 (PCT/US2016/066761)
[87] (WO2017/106405)
[30] US (62/267,344) 2015-12-15

---

[21] **3,006,987**
[13] A1
[51] **Int.Cl. C12P 19/02 (2006.01) A23L 29/30 (2016.01) C12P 19/18 (2006.01) C13K 11/00 (2006.01)**
[25] EN
[54] **PRODUCTION AND COMPOSITION OF FRUCTOSE SYRUP**
[54] **PRODUCTION ET COMPOSITION DE SIROP DE FRUCTOSE**
[72] NAGY, KEVIN D., US
[72] HENNESSEY, SUSAN MARIE, US
[72] PAYNE, MARK S., US
[72] POWLEY, CHARLES R., US
[72] SZOSTEK, BOGDAN, US
[72] KOIVIKKO, HANNU, FI
[72] JARVINEN, JUHO, FI
[72] EICHOLTZ, DANIEL, US
[72] KUUSISTO, JYRKI, FI
[72] VILJAVA, TAPIO TIMO, FI
[72] BRESKE, STEPHEN THOMAS, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2018-05-30
[86] 2016-12-14 (PCT/US2016/066517)
[87] (WO2017/106262)
[30] US (14/967,659) 2015-12-14

---

[21] **3,006,988**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FORECASTING BASED UPON TIME SERIES DATA**
[54] **SYSTEMES ET PROCEDES DE PREVISION D'APRES DES DONNEES DE SERIE CHRONOLOGIQUE**
[72] WAGNER, RICHARD, US
[72] KERNS, JASON B., US
[72] PAUL, JOSE K., US
[72] ELEK, ALEXANDER C., US
[71] PREVEDERE, INC., US
[85] 2018-05-30
[86] 2016-12-15 (PCT/US2016/067026)
[87] (WO2017/106559)
[30] US (62/269,978) 2015-12-19
[30] US (62/290,441) 2016-02-02
[30] US (15/154,697) 2016-05-13

---

[21] **3,006,989**
[13] A1
[51] **Int.Cl. B32B 23/04 (2006.01) E04B 1/94 (2006.01)**
[25] EN
[54] **PERMEABLE ELASTOMERIC MEMBRANE ADHERED TO FIRE-RATED STRUCTURAL OSB PANELS**
[54] **MEMBRANE PERMEABLE EN ELASTOMERE COLLEE A DES PANNEAUX OSB STRUCTURELS RESISTANTS AU FEU**
[72] MOORE, HEIDI, US
[72] ST. GERMAIN, BRIAN, US
[71] LOUISIANA-PACIFIC CORPORATION, US
[85] 2018-05-30
[86] 2016-11-30 (PCT/US2016/064253)
[87] (WO2017/095947)
[30] US (62/260,663) 2015-11-30

[21] **3,006,991**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01) C12N 9/20 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **PROCESS OF EXTRACTING OIL FROM THIN STILLAGE**
[54] **PROCEDE D'EXTRACTION D'HUILE DE RESIDU DE DISTILLATION SOLUBLE**
[72] AKERMAN, MICHAEL JOHN, US
[72] HOOSS, MELISSA CARRIE, US
[72] KREEL, NATHANIEL EDWARD, US
[72] SHEN, XINYU, US
[71] NOVOZYMES A/S, DK
[85] 2018-05-30
[86] 2016-12-16 (PCT/US2016/067154)
[87] (WO2017/112539)
[30] US (62/271,182) 2015-12-22
[30] US (62/271,063) 2015-12-22
[30] US (62/324,107) 2016-04-18
[30] US (62/430,695) 2016-12-06

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[21] **3,006,992**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01) C12N 9/20 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **PROCESSES FOR IMPROVING FERMENTATION PRODUCT YIELD USING PHOSPHOLIPASE C**
[54] **PROCEDES POUR AMELIORER LE RENDEMENT EN PRODUITS DE FERMENTATION METTANT EN OEUVRE UNE PHOSPHOLIPASE C**
[72] KREEL, NATHANIEL EDWARD, US
[71] NOVOZYMES A/S, DK
[85] 2018-05-30
[86] 2016-12-16 (PCT/US2016/067183)
[87] (WO2017/112542)
[30] US (62/271,182) 2015-12-22
[30] US (62/271,063) 2015-12-22
[30] US (62/324,107) 2016-04-18
[30] US (62/430,695) 2016-12-06

---

[21] **3,006,993**
[13] A1
[51] **Int.Cl. G01R 33/02 (2006.01) G01R 33/24 (2006.01) G01R 33/26 (2006.01)**
[25] EN
[54] **PULSED SCALAR ATOMIC MAGNETOMETER**
[54] **MAGNETOMETRE ATOMIQUE SCALAIRE PULSE**
[72] ROMALIS, MICHAEL, US
[72] DONG, HAIFENG, CN
[72] BARANGA, ANDREI, IL
[71] THE TRUSTEES OF PRINCETON UNIVERSITY, US
[71] ROMALIS, MICHAEL, US
[71] DONG, HAIFENG, CN
[71] BARANGA, ANDREI, IL
[85] 2018-05-30
[86] 2016-12-01 (PCT/US2016/064346)
[87] (WO2017/095998)
[30] US (62/262,095) 2015-12-02

---

[21] **3,006,994**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **HIGH-LEVEL MULTIPLEX AMPLIFICATION**
[54] **AMPLIFICATION MULTIPLEX DE HAUT NIVEAU**
[72] CHEN, PEILIN, US
[71] FLUIDIGM CORPORATION, US
[85] 2018-05-30
[86] 2016-12-16 (PCT/US2016/067368)
[87] (WO2017/106777)
[30] US (62/268,263) 2015-12-16

---

[21] **3,006,995**
[13] A1
[51] **Int.Cl. B62B 5/04 (2006.01) B62B 1/00 (2006.01)**
[25] EN
[54] **WHEELED CONTAINER HANDLE ASSEMBLY**
[54] **ENSEMBLE POIGNEE DE CONTENEUR A ROUES**
[72] BRUNNER, YARON, IL
[71] KETER PLASTIC LTD., IL
[85] 2018-05-30
[86] 2016-12-08 (PCT/IL2016/051312)
[87] (WO2017/098511)
[30] US (62/265,510) 2015-12-10

---

[21] **3,006,996**
[13] A1
[51] **Int.Cl. A01H 5/10 (2018.01) A01H 1/00 (2006.01) C12N 15/63 (2006.01) A24D 1/00 (2006.01)**
[25] EN
[54] **TARGETED MUTAGENESIS OF TOBACCO BERBERINE BRIDGE ENZYME-LIKE NUCLEIC ACIDS**
[54] **MUTAGENESE CIBLEE D'ACIDES NUCLEIQUES DU TYPE ENZYME A PONT BERBERINE DU TABAC**
[72] DEWEY, RALPH E., US
[72] LEWIS, RAMSEY S., US
[71] NORTH CAROLINA STATE UNIVERSITY, US
[85] 2018-05-30
[86] 2016-12-02 (PCT/US2016/064758)
[87] (WO2017/096254)
[30] US (62/263,151) 2015-12-04

---

[21] **3,006,997**
[13] A1
[51] **Int.Cl. H01G 11/00 (2013.01) H01G 11/24 (2013.01) H01G 11/26 (2013.01) H01G 11/32 (2013.01) H01G 9/00 (2006.01) H01G 9/02 (2006.01) H01G 9/022 (2006.01) H01G 9/042 (2006.01)**
[25] EN
[54] **CELLULAR GRAPHENE FILMS**
[54] **FILMS DE GRAPHENE CELLULAIRE**
[72] KANER, RICHARD BARRY, US
[72] SHAO, YUANLONG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-05-30
[86] 2016-12-19 (PCT/US2016/067468)
[87] (WO2017/112575)
[30] US (62/271,115) 2015-12-22
[30] US (62/428,608) 2016-12-01

[21] **3,006,998**
[13] A1
[51] **Int.Cl. C07K 14/78 (2006.01) A61K 8/60 (2006.01) A61K 8/65 (2006.01) A61K 38/39 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **COLLAGEN 7 COMPOSITIONS AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS DE COLLAGENE DE TYPE VII ET PROCEDES D'UTILISATION ASSOCIES**
[72] QUINONES-GARCIA, IGOR, US
[72] GUEY, LIN, US
[72] LOWE, KRIS, US
[72] NGUYEN, VINH, US
[72] HE, BING, US
[72] BANDEKAR, AMEY, US
[72] BASU, SUJIT, US
[71] PHOENIX TISSUE REPAIR, INC., US
[85] 2018-05-30
[86] 2016-12-21 (PCT/US2016/067995)
[87] (WO2017/112757)
[30] US (62/387,241) 2015-12-23
[30] US (62/278,816) 2016-01-14
[30] US (62/293,209) 2016-02-09

[21] **3,006,999**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 47/38 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **GASTRIC RETENTIVE DEVICES**
[54] **DISPOSITIFS DE RETENTION GASTRIQUE**
[72] ZALIT, ILAN, IL
[72] BEN MENACHEM, AVSHALOM, IL
[71] CLEXIO BIOSCIENCES LTD., IL
[85] 2018-05-30
[86] 2016-12-01 (PCT/US2016/064439)
[87] (WO2017/096054)
[30] US (62/261,752) 2015-12-01

[21] **3,007,000**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ANTI-N3PGLU AMYLOID BETA PEPTIDE ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-PEPTIDES BETA-AMYLOIDES N3PGLU ET UTILISATIONS ASSOCIEES**
[72] DEMATTOS, RONALD BRADLEY, US
[72] LU, JIRONG, US
[72] TANG, YING, US
[71] ELI LILLY AND COMPANY, US
[85] 2018-05-29
[86] 2017-01-10 (PCT/US2017/012795)
[87] (WO2017/123517)
[30] US (62/279,268) 2016-01-15

[21] **3,007,001**
[13] A1
[51] **Int.Cl. G07B 15/02 (2011.01)**
[25] EN
[54] **VEHICLE PARKING AND MASS TRANSPORT BEACON SYSTEM**
[54] **SYSTEME DE BALISES DE STATIONNEMENT DE VEHICULE ET DE TRANSPORT COLLECTIF**
[72] VOSSOUGHI, SOHRAB, US
[72] JEIBMANN, SAMUEL SPENCER, US
[72] PARNELL, ANDREW STAM, US
[72] COLE, DAVE, US
[72] EMADI, ALMA, US
[72] VONDRACHEK, CHRISTOPHER J., US
[72] DIERINGER, KEN, US
[71] CITIFYD, INC., US
[85] 2018-05-30
[86] 2016-12-02 (PCT/US2016/064829)
[87] (WO2017/096307)
[30] US (62/262,282) 2015-12-02
[30] US (62/316,359) 2016-03-31

[21] **3,007,002**
[13] A1
[51] **Int.Cl. G02B 6/34 (2006.01) G02B 6/26 (2006.01)**
[25] EN
[54] **LIGHT-GUIDE DEVICE WITH OPTICAL CUTOFF EDGE AND CORRESPONDING PRODUCTION METHODS**
[54] **DISPOSITIF-GUIDE DE LUMIERE A BORD DE COUPURE OPTIQUE ET PROCEDES DE FABRICATION CORRESPONDANTS**
[72] DANZIGER, YOCHAY, IL
[72] FRIEDMANN, EDGAR, IL
[71] LUMUS LTD, IL
[85] 2018-05-30
[86] 2017-11-08 (PCT/IL2017/051217)
[87] (WO2018/087756)
[30] US (62/418,919) 2016-11-08
[30] US (62/509,369) 2017-05-22
[30] US (62/535,890) 2017-07-23
[30] IL (PCT/IL2017/051028) 2017-09-12

[21] **3,007,003**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR TREATMENT OF WOUNDS WITH NEGATIVE PRESSURE AND PEROXY PYRUVIC ACID**
[54] **SYSTEME ET METHODES POUR LE TRAITEMENT DE PLAIES AVEC UNE PRESSION NEGATIVE ET UN PEROXYACIDE PYRUVIQUE**
[72] INGRAM, SHANNON C., US
[72] CARROLL, CHRISTOPHER A., US
[71] KCI LICENSING, INC., US
[85] 2018-05-30
[86] 2016-12-28 (PCT/US2016/068968)
[87] (WO2017/117270)
[30] US (62/272,529) 2015-12-29

[21] **3,007,004**
[13] A1
[51] **Int.Cl. B62D 33/02 (2006.01) E05F 15/43 (2015.01) E05F 15/60 (2015.01) E05F 15/603 (2015.01) F16M 11/10 (2006.01) F16M 11/18 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **MOTORIZED DOORS AND RELATED METHODS**
[54] **PORTES MOTORISEES ET PROCEDES ASSOCIES**
[72] MATHIASEN, JOHNNIE, US
[72] SOLIS MARQUEZ, OSCAR, US
[71] GIRARD GUARD, LLC, US
[85] 2018-05-30
[86] 2016-12-01 (PCT/US2016/064465)
[87] (WO2017/096070)
[30] US (62/261,677) 2015-12-01

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[21] **3,007,005**
[13] A1
[51] **Int.Cl. H04L 9/08 (2006.01) G06F 21/60 (2013.01) G06F 21/62 (2013.01) H04L 9/12 (2006.01)**
[25] EN
[54] **ACCESS CONTROL FOR DIGITAL DATA**
[54] **CONTROLE D'ACCES POUR DES DONNEES NUMERIQUES**
[72] CHANDA, RUPEN, US
[71] BLACKBERRY LIMITED, CA
[85] 2018-05-30
[86] 2017-02-01 (PCT/US2017/015958)
[87] (WO2017/139145)
[30] US (15/018,643) 2016-02-08

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[21] **3,007,007**
[13] A1
[51] **Int.Cl. A01G 13/02 (2006.01) C08G 18/10 (2006.01) C08G 18/32 (2006.01) C08G 18/42 (2006.01) C08G 18/44 (2006.01) C08G 18/48 (2006.01) C09K 17/30 (2006.01)**
[25] EN
[54] **SPRAYABLE POLYURETHANE/UREA ELASTOMER FOR AGRICULTURE**
[54] **ELASTOMERE DE POLYURETHANE/UREE PULVERISABLE POUR L'AGRICULTURE**
[72] ADHIKARI, RAJU, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2018-05-31
[86] 2016-11-30 (PCT/AU2016/051171)
[87] (WO2017/091853)
[30] AU (2015904990) 2015-12-02

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[21] **3,007,008**
[13] A1
[51] **Int.Cl. C25C 3/06 (2006.01)**
[25] EN
[54] **IMPROVED METHOD FOR FABRICATING A DENSE, DIMENSIONALLY STABLE, WETTABLE CATHODE SUBSTRATE IN SITU**
[54] **PROCEDE AMELIORE DE FABRICATION IN SITU D'UN SUBSTRAT DE CATHODE MOUILLABLE, DE DIMENSIONS STABLES, EN COUCHE DENSE**
[72] KING, HARRY L., US
[71] KCL ENTERPRISES, LLC, US
[85] 2018-05-29
[86] 2015-11-13 (PCT/US2015/060594)
[87] (WO2016/089576)
[30] US (62/085,856) 2014-12-01
[30] US (14/939,362) 2015-11-12

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[21] **3,007,009**
[13] A1
[51] **Int.Cl. A61B 10/04 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED TISSUE SAMPLING**
[54] **SYSTEME ET PROCEDES POUR AMELIORER LE PRELEVEMENT DE TISSU**
[72] FLEURY, SEAN P., US
[72] LEANNA, GARY J., US
[72] POWERS, MICHAEL, US
[72] SLUTI, ANNE, US
[72] LEVENDUSKY, JOSEPH A, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2018-05-30
[86] 2017-02-23 (PCT/US2017/019118)
[87] (WO2017/147288)
[30] US (62/299,899) 2016-02-25

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[21] **3,007,010**
[13] A1
[51] **Int.Cl. A47C 12/00 (2006.01) E06C 1/24 (2006.01) E06C 1/383 (2006.01)**
[25] EN
[54] **FOLDABLE STEP**
[54] **ESCABEAU PLIANT**
[72] CORNTHWAITE, DON, CA
[71] TNICO TECHNOLOGY DIVISION LTD., CA
[85] 2018-05-31
[86] 2016-12-08 (PCT/CA2016/051443)
[87] (WO2017/096481)
[30] US (62/264,999) 2015-12-09

[21] **3,007,011**
[13] A1
[51] **Int.Cl. H01L 33/50 (2010.01)**
[25] EN
[54] **LED APPARATUS EMPLOYING TUNABLE COLOR FILTERING USING MULTIPLE NEODYMIUM AND FLUORINE COMPOUNDS**
[54] **APPAREIL A DEL EMPLOYANT UN FILTRAGE DE COULEUR ACCORDABLE UTILISANT DE MULTIPLES COMPOSES DE FLUOR ET DE NEODYME**
[72] BENNER, KEVIN JEFFREY, US
[72] ALLEN, GARY ROBERT, US
[72] CAI, DENGKE, US
[72] CLYNNE, THOMAS, US
[72] HE, JIANMIN, US
[71] GE LIGHTING SOLUTIONS, LLC, US
[85] 2018-05-30
[86] 2016-12-06 (PCT/US2016/065149)
[87] (WO2017/100190)
[30] US (14/966,329) 2015-12-11

---

[21] **3,007,012**
[13] A1
[51] **Int.Cl. C08L 23/06 (2006.01) C08J 9/00 (2006.01)**
[25] EN
[54] **HIGH POROSITY MICROCELLULAR POLYETHYLENE**
[54] **POLYETHYLENE MICROCELLULAIRE A POROSITE ELEVEE**
[72] CHEN, CHENG, CN
[72] SUN, GANGWEI, CN
[72] ESSEGHIR, MOHAMED, US
[72] COGEN, JEFFREY M., US
[72] DU, ZHE, CN
[72] ZHANG, JIANXIN, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-05-31
[86] 2015-12-03 (PCT/CN2015/096250)
[87] (WO2017/091996)

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[21] **3,007,013**
[13] A1
[51] **Int.Cl. C10G 3/00 (2006.01) C10L 1/02 (2006.01)**
[25] EN
[54] **PROCESSES FOR PRODUCING A BURNER FUEL FROM A BIOMASS FEED**
[54] **PROCEDES DE PRODUCTION D'UN COMBUSTIBLE POUR BRULEUR A PARTIR D'UNE CHARGE BIOMASSIQUE**
[72] BRANDVOLD, TIMOTHY A., US
[72] BAIRD, LANCE A., US
[71] UOP LLC, US
[85] 2018-05-30
[86] 2017-06-13 (PCT/US2017/037312)
[87] (WO2017/218577)
[30] US (62/351,368) 2016-06-17

---

[21] **3,007,014**
[13] A1
[51] **Int.Cl. A61K 31/713 (2006.01) C12N 15/113 (2010.01) A61P 7/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING A SERPINC1-ASSOCIATED DISORDER**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT D'UN TROUBLE ASSOCIE A SERPINC1**
[72] AKINC, AKIN, US
[72] SORENSEN, BENNY, US
[72] GARG, PUSHKAL, US
[72] ROBBIE, GABRIEL, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2018-05-30
[86] 2016-12-07 (PCT/US2016/065245)
[87] (WO2017/100236)
[30] US (62/264,013) 2015-12-07
[30] US (62/315,228) 2016-03-30
[30] US (62/366,304) 2016-07-25
[30] US (62/429,241) 2016-12-02

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[21] **3,007,015**
[13] A1
[51] **Int.Cl. C10G 65/12 (2006.01) C10G 49/26 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR HYDROCRACKING AND HYDROISOMERIZING A HYDROCARBON STREAM**
[54] **PROCEDE ET APPAREIL D'HYDROCRAQUAGE ET D'HYDROISOMERISATION D'UN FLUX D'HYDROCARBURES**
[72] KUMAR, SAILESH B., US
[72] TOWARNICKY, ANDREW J., US
[72] THAKKAR, VASANT P., US
[72] SANGALLI, MASSIMO, US
[72] PETRI, JOHN A., US
[71] UOP LLC, US
[85] 2018-05-30
[86] 2017-06-21 (PCT/US2017/038442)
[87] (WO2018/005178)
[30] US (62/357,244) 2016-06-30

---

[21] **3,007,016**
[13] A1
[51] **Int.Cl. A61K 36/899 (2006.01) A01H 5/10 (2018.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **GENETIC REGIONS & GENES ASSOCIATED WITH INCREASED YIELD IN PLANTS**
[54] **REGIONS GENETIQUES ET GENES ASSOCIES A UN RENDEMENT ACCRU DANS DES PLANTES**
[72] WEBER, ALLISON LYNN, US
[72] ERSOZ, ELHAN SULTAN, US
[72] BENSEN, ROBERT JOHN, US
[72] WARNER, TODD LEE, US
[72] MAGWIRE, MICHAEL MAHLON, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2018-05-30
[86] 2016-12-14 (PCT/US2016/066543)
[87] (WO2017/106274)
[30] US (62/268,158) 2015-12-16

[21] **3,007,017**
[13] A1
[51] **Int.Cl. G02C 5/14 (2006.01) G02C 5/02 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING SPECTACLES HAVING METAL SHEET WRAPPING SURFACE OF ACETATE SHEET**
[54] **PROCEDE DE TRAITEMENT DE LUNETTES EN FEUILLE D'ACETATE D'EMBALLAGE EN FEUILLE METALLIQUE**
[72] WANG, DAOMIN, CN
[71] WANG, DAOMIN, CN
[85] 2018-05-31
[86] 2016-07-14 (PCT/CN2016/000385)
[87] (WO2018/010041)

[21] **3,007,018**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) G01N 33/53 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **CGRP ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-CGRP ET LEURS UTILISATIONS**
[72] CHAI, XIYUN, US
[72] ALLAN, BARRETT, US
[71] ELI LILLY AND COMPANY, US
[85] 2018-05-29
[86] 2017-01-20 (PCT/US2017/014325)
[87] (WO2017/132062)
[30] US (62/288,045) 2016-01-28

[21] **3,007,019**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C40B 60/12 (2006.01)**
[25] EN
[54] **INTEGRATED SAMPLE PROCESSING SYSTEM**
[54] **SYSTEME INTEGRE DE TRAITEMENT D'ECHANTILLONS**
[72] COONEY, CHRISTOPHER G., US
[72] HOLMBERG, REBECCA, US
[72] BELGRADER, PHILLIP, US
[72] QU, PETER QIANG, US
[71] AKONNI BIOSYSTEMS, INC., US
[85] 2018-05-30
[86] 2015-12-01 (PCT/US2015/063232)
[87] (WO2017/095394)

[21] **3,007,020**
[13] A1
[51] **Int.Cl. A61K 31/4433 (2006.01) A61K 31/497 (2006.01) A61P 1/10 (2006.01) C07D 405/04 (2006.01)**
[25] EN
[54] **METHODS OF TREATING HYPERALGESIA**
[54] **PROCEDES DE TRAITEMENT DE L'HYPERALGESIE**
[72] COWAN, CONRAD, US
[72] KOBLISH, MICHAEL, US
[72] LARK, MICHAEL W., US
[71] TREVENA, INC., US
[85] 2018-05-30
[86] 2016-12-14 (PCT/US2016/066601)
[87] (WO2017/106306)
[30] US (62/267,144) 2015-12-14

[21] **3,007,021**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **ANTI-PD-L1 NANOBODY AND USE THEREOF**
[54] **NANOCORPS ANTI-PD-L1 ET SON UTILISATION**
[72] SHEN, XIAONING, CN
[72] MIAO, XIAONIU, CN
[72] LIU, XIAOLIN, CN
[71] INNOVENT BIOLOGICS (SUZHOU) CO., LTD, CN
[85] 2018-05-31
[86] 2017-08-03 (PCT/CN2017/095884)
[87] (WO2018/024237)
[30] CN (201610634596.X) 2016-08-04

[21] **3,007,022**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ANTI-GITR ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-GITR ET LEURS METHODES D'UTILISATION**
[72] WILSON, NICHOLAS S., US
[72] WAIGHT, JEREMY D., US
[72] RITTER, GERD, US
[72] TSUJI, TAKEMASA, US
[72] LEGER, OLIVIER, FR
[72] SEIBERT, VOLKER, DE
[72] SCHAER, DAVID, US
[72] MERGHOUB, TAHA, US
[72] UNDERWOOD, DENNIS J., US
[72] GONZALEZ, ANA M., US
[72] VAN DIJK, MARC, NL
[71] AGENUS INC., US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH LTD., CH
[85] 2018-05-30
[86] 2016-12-02 (PCT/US2016/064657)
[87] (WO2017/096189)
[30] US (62/262,376) 2015-12-02
[30] US (62/328,542) 2016-04-27

[21] **3,007,023**
[13] A1
[51] **Int.Cl. E04F 15/02 (2006.01) B32B 3/10 (2006.01) B32B 3/30 (2006.01) B32B 27/00 (2006.01)**
[25] EN
[54] **FLOOR PANEL HAVING DRAINAGE PROTRUSIONS**
[54] **PANNEAU DE PLANCHER COMPORTANT DES PROTUBERANCES D'ECOULEMENT**
[72] DOHRING, DIETER, DE
[71] KRONOPLUS TECHNICAL AG, CH
[85] 2018-05-31
[86] 2015-12-23 (PCT/EP2015/081137)
[87] (WO2017/108124)

[21] **3,007,025**
[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/4184 (2006.01) A61K 31/423 (2006.01) A61K 31/428 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07D 209/08 (2006.01) C07D 235/30 (2006.01) C07D 263/57 (2006.01) C07D 263/58 (2006.01) C07D 277/64 (2006.01) C07D 277/66 (2006.01) C07D 307/79 (2006.01) C07D 333/54 (2006.01) C07D 401/04 (2006.01) C07D 409/04 (2006.01) C07D 413/04 (2006.01) C07D 413/10 (2006.01) C07D 413/12 (2006.01) C07D 417/04 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 491/04 (2006.01) C07D 495/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **BICYCLIC HYDROXAMIC ACIDS USEFUL AS INHIBITORS OF MAMMALIAN HISTONE DEACETYLASE ACTIVITY**
[54] **ACIDES HYDROXAMIQUES BICYCLIQUES UTILES COMME INHIBITEURS DE L'ACTIVITE HISTONE DESACETYLASE CHEZ LE MAMMIFERE**
[72] HAMMER, KRISTIN, SE
[72] JONSSON, MATTIAS, SE
[72] KRUGER, LARS, SE
[71] KANCERA AB, SE
[85] 2018-05-31
[86] 2016-11-16 (PCT/EP2016/077914)
[87] (WO2017/108282)
[30] EP (15201841.2) 2015-12-22

---

[21] **3,007,026**
[13] A1
[51] **Int.Cl. A23G 9/32 (2006.01) A23G 9/42 (2006.01)**
[25] EN
[54] **NON-DAIRY FROZEN CONFECTION WITHOUT STABILIZERS**
[54] **CONFISERIE CONGELEE NON-LAITIERE SANS AGENT STABILISANT**
[72] DESAI, NILESH, US
[72] MARK, STEPHEN, US
[72] MATTIUSSI, JUSTINE, US
[71] NESTEC S.A., CH
[85] 2018-05-31
[86] 2016-11-14 (PCT/EP2016/077586)
[87] (WO2017/093005)
[30] US (62/263,000) 2015-12-04

---

[21] **3,007,027**
[13] A1
[51] **Int.Cl. F25J 3/02 (2006.01)**
[25] EN
[54] **PROCESS AND DEVICE FOR THE CRYOGENIC SEPARATION OF SYNTHESIS GAS**
[54] **PROCEDE ET DISPOSITIF DE DECOMPOSITION CRYOGENIQUE DE GAZ DE SYNTHESE**
[72] LANG, MARTIN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2018-05-31
[86] 2016-12-01 (PCT/EP2016/025159)
[87] (WO2017/108197)
[30] DE (102015016771.5) 2015-12-23

---

[21] **3,007,028**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) B65G 1/137 (2006.01)**
[25] EN
[54] **WAREHOUSE AUTOMATION SYSTEMS AND METHODS USING A MOTOR-DRIVEN CART**
[54] **SYSTEMES ET PROCEDES D'AUTOMATISATION D'ENTREPOT A L'AIDE D'UN CHARIOT A MOTEUR**
[72] HAMILTON, RYLAN, US
[72] DUBOIS, JEROME, US
[72] CACIOPPO, CHRISTOPHER, US
[72] HIGGINS, TIMOTHY, US
[71] 6 RIVER SYSTEMS, INC., US
[85] 2018-05-30
[86] 2016-12-07 (PCT/US2016/065329)
[87] (WO2017/100287)
[30] US (62/263,966) 2015-12-07

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[21] **3,007,029**
[13] A1
[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **CARTRIDGE ASSEMBLY COMPRISING A GUIDE SLOT**
[54] **ENSEMBLE CARTOUCHE COMPORTANT UNE FENTE DE GUIDAGE**
[72] SILVESTRINI, PATRICK CHARLES, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-31
[86] 2017-01-25 (PCT/EP2017/051550)
[87] (WO2017/129617)
[30] EP (16152632.2) 2016-01-25

---

[21] **3,007,030**
[13] A1
[51] **Int.Cl. C07K 16/10 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **HETERODIMERIC ANTIBODIES THAT BIND CD3 AND PSMA**
[54] **ANTICORPS HETERODIMEES SE LIANT A CD3 ET PSMA**
[72] MOORE, GREGORY, US
[72] DESJARLAIS, JOHN, US
[72] CHU, SEUNG, US
[71] XENCOR, INC., US
[85] 2018-05-30
[86] 2016-12-07 (PCT/US2016/065459)
[87] (WO2017/100372)
[30] US (62/264,261) 2015-12-07
[30] US (62/324,823) 2016-04-19

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[21] **3,007,031**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **ANTI-DEATH RECEPTOR ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-RECEPTEUR DE MORT ET PROCEDES D'UTILISATION ASSOCIES**
[72] BEURSKENS, FRANK, NL
[72] OVERDIJK, MARIJE, NL
[72] DE JONG, ROB, NL
[72] SATIJN, DAVID, NL
[72] STRUMANE, KRISTIN, NL
[72] SCHUURMAN, JANINE, NL
[72] PARREN, PAUL, NL
[71] GENMAB B.V., NL
[85] 2018-05-31
[86] 2016-12-01 (PCT/EP2016/079517)
[87] (WO2017/093447)
[30] DK (PA 2015 00771) 2015-12-01
[30] DK (PA 2015 00787) 2015-12-07
[30] DK (PA 2015 00788) 2015-12-07
[30] DK (PA 2016 00701) 2016-11-10
[30] DK (PA 2016 00702) 2016-11-10

[21] **3,007,032**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) A61M 15/06 (2006.01) G01N 27/22 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING SYSTEM WITH LIQUID AEROSOL-FORMING SUBSTRATE IDENTIFICATION**
[54] **SYSTEME DE GENERATION D'AEROSOL AYANT UNE IDENTIFICATION DE SUBSTRAT DE FORMATION D'AEROSOL LIQUIDE**
[72] COURBAT, JEROME CHRISTIAN, CH
[72] MIRONOV, OLEG, CH
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-31
[86] 2017-02-09 (PCT/EP2017/052916)
[87] (WO2017/137510)
[30] EP (16155571.9) 2016-02-12

[21] **3,007,033**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTI-DR5 ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-DR5 ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] OVERDIJK, MARIJE, NL
[72] STRUMANE, KRISTIN, NL
[72] RADEMAKER, RIK, NL
[72] BREIJ, ESTHER, NL
[72] SCHUURMAN, JANINE, NL
[72] PARREN, PAUL, NL
[71] GENMAB B.V., NL
[85] 2018-05-31
[86] 2016-12-01 (PCT/EP2016/079518)
[87] (WO2017/093448)
[30] DK (PA 2015 00771) 2015-12-01
[30] DK (PA 2015 00787) 2015-12-07
[30] DK (PA 2015 00788) 2015-12-07
[30] DK (PA 2016 00701) 2016-11-10
[30] DK (PA 2016 00702) 2016-11-10

[21] **3,007,034**
[13] A1
[51] **Int.Cl. G01F 11/04 (2006.01) B65D 47/20 (2006.01) G01F 11/26 (2006.01)**
[25] EN
[54] **DOSING APPARATUS AND A CONTAINER**
[54] **APPAREIL DE DOSAGE ET RECIPIENT**
[72] PATERSON, ANDREW JOHN, GB
[72] RENDONG, GUI, CN
[72] AIWEN, YANG, CN
[72] GONGFU, WANG, CN
[72] YIN, MAO, CN
[71] RAEPAK LIMITED, GB
[71] YUYAO SUNRAIN SPRAYER CO. LTD, CN
[85] 2018-05-31
[86] 2016-10-14 (PCT/GB2016/053201)
[87] (WO2017/093707)
[30] CN (201520987148.9) 2015-12-02
[30] CN (201510873114.1) 2015-12-02

[21] **3,007,035**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **ELECTRICALLY OPERATED AEROSOL-GENERATING SYSTEM WITH TEMPERATURE SENSOR**
[54] **SYSTEME GENERATEUR D'AEROSOL ACTIONNE ELECTRIQUEMENT DOTE D'UN CAPTEUR DE TEMPERATURE**
[72] REEVELL, TONY, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-31
[86] 2017-02-17 (PCT/EP2017/053688)
[87] (WO2017/144374)
[30] EP (16157437.1) 2016-02-25

[21] **3,007,036**
[13] A1
[51] **Int.Cl. A61K 39/02 (2006.01)**
[25] EN
[54] **HELICOBACTER PYLORI VACCINES**
[54] **VACCINS CONTRE HELICOBACTER PYLORI**
[72] KRUSE, TOBIAS, DE
[72] HORNBURG, DANIEL, DE
[72] GERHARD, MARKUS, DE
[72] MANN, MATTHIAS, DE
[72] MEISSNER, FELIX, DE
[71] TECHNISCHE UNIVERSITAT MUNCHEN, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[85] 2018-05-31
[86] 2016-12-14 (PCT/EP2016/080878)
[87] (WO2017/102779)
[30] EP (15199862.2) 2015-12-14

[21] **3,007,037**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/50 (2006.01)**
[25] EN
[54] **MESOIONIC HALOGENATED 3-(ACETYL)-1-[(1,3-THIAZOL-5-YL)METHYL]-1H-IMIDAZO[1,2-A]PYRIDIN-4-IUM-2-OLATE DERIVATIVES AND RELATED COMPOUNDS AS INSECTICIDES**
[54] **DERIVES MESOIONIQUES HALOGENES DE 3-(ACETYL)-1-[(1,3-THIAZOL-5-YL)METHYL]-1H-IMIDAZO[1,2-A]PYRIDIN-4-IUM-2-OLATE ET COMPOSES ASSOCIES EN TANT QU'INSECTICIDES**
[72] HEIL, MARKUS, DE
[72] PORTZ, DANIELA, DE
[72] ILG, KERSTIN, DE
[72] GORGENS, ULRICH, DE
[72] CEREZO-GALVEZ, SILVIA, DE
[72] MOSRIN, MARC, DE
[72] EILMUS, SASCHA, DE
[72] TURBERG, ANDREAS, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-05-31
[86] 2016-11-29 (PCT/EP2016/079071)
[87] (WO2017/093214)
[30] EP (15197803.8) 2015-12-03
[30] EP (15199457.1) 2015-12-11

[21] **3,007,038**
[13] A1
[51] **Int.Cl. A61B 18/18 (2006.01)**
[25] EN
[54] **ELECTROSURGICAL INSTRUMENT FOR RADIATING MICROWAVE ENERGY AND DISPENSING LIQUID AT A TREATMENT SITE**
[54] **INSTRUMENT ELECTROCHIRURGICAL POUR IRRADIATION D'ENERGIE DE MICRO-ONDES ET DISTRIBUTION DE LIQUIDE A UN SITE DE TRAITEMENT**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[72] PRESTON, SHAUN, GB
[72] TSIAMOULOS, ZACHARIAS P, GB
[72] SAUNDERS, BRIAN, GB
[71] CREO MEDICAL LIMITED, GB
[85] 2018-05-31
[86] 2016-12-07 (PCT/EP2016/080138)
[87] (WO2017/097856)
[30] GB (1521522.1) 2015-12-07

[21] **3,007,039**
[13] A1
[51] **Int.Cl. C04B 22/00 (2006.01) C04B 28/04 (2006.01)**
[25] EN
[54] **ULTRA-LIGHT MINERAL FOAM**
[54] **MOUSSE MINERALE ULTRA-LEGERE**
[72] NEYRAND, CORINNE, FR
[72] DALAS, FLORENT, FR
[72] DYKMAN, MELANIE, FR
[72] TINTILLER, PATRICK, FR
[72] SABIO, SERGE, FR
[71] HOLCIM TECHNOLOGY LTD, CH
[85] 2018-05-31
[86] 2016-12-05 (PCT/IB2016/001717)
[87] (WO2017/093795)
[30] EP (15306943.0) 2015-12-04

[21] **3,007,040**
[13] A1
[51] **Int.Cl. C04B 22/00 (2006.01) C04B 28/04 (2006.01)**
[25] EN
[54] **ULTRA-LIGHT MINERAL FOAM**
[54] **MOUSSE MINERALE ULTRA-LEGERE**
[72] CHAUMILLIAT, CHRISTINE, FR
[72] BLACHIER, CHRISTIAN, FR
[72] PEREZ, NICALAS, FR
[72] FERREINT, LILIAN, FR
[71] HOLCIM TECHNOLOGY LTD, CH
[85] 2018-05-31
[86] 2016-12-05 (PCT/IB2016/001721)
[87] (WO2017/093797)
[30] EP (15 306 942.2) 2015-12-04

[21] **3,007,041**
[13] A1
[51] **Int.Cl. C04B 22/00 (2006.01) C04B 28/04 (2006.01)**
[25] EN
[54] **ULTRA-LIGHT MINERAL FOAM**
[54] **MOUSSE MINERALE ULTRA-LEGERE**
[72] BOST, PASCAL, FR
[72] SABIO, SERGE, FR
[72] CHAUMILLIAT, CHRISTINE, FR
[72] LOMBOIS-BURGER, HELENE, FR
[71] HOLCIM TECHNOLOGY LTD, CH
[85] 2018-05-31
[86] 2016-12-05 (PCT/IB2016/001720)
[87] (WO2017/093796)
[30] EP (15 306 941.4) 2015-12-04

[21] **3,007,042**
[13] A1
[51] **Int.Cl. A23F 5/04 (2006.01) A23F 5/10 (2006.01)**
[25] EN
[54] **METHOD FOR ROASTING COFFEE BEANS**
[54] **PROCEDE DE TORREFACTION DE GRAINS DE CAFE**
[72] ELSBY, KEVAN, CH
[72] POISSON, LUIGI, CH
[72] MESTDAGH, FREDERIC, CH
[72] MURPHY, SEAN, CH
[71] NESTEC S.A., CH
[85] 2018-05-31
[86] 2016-12-09 (PCT/EP2016/080490)
[87] (WO2017/098002)
[30] EP (15199644.4) 2015-12-11

[21] **3,007,043**
[13] A1
[51] **Int.Cl. A61B 5/157 (2006.01) B01L 3/00 (2006.01) G01N 1/02 (2006.01) G01P 13/00 (2006.01)**
[25] EN
[54] **LIQUID SAMPLE COLLECTION APPARATUS**
[54] **APPAREIL DE COLLECTE D'ECHANTILLON DE LIQUIDE**
[72] GIBSON, DAVID, GB
[72] MCLAUGHLIN, JAMES, GB
[72] MAGEE, JUSTIN, GB
[71] UNIVERSITY OF ULSTER, GB
[85] 2018-05-31
[86] 2016-12-02 (PCT/EP2016/079581)
[87] (WO2017/093480)
[30] GB (1521390.3) 2015-12-03

[21] **3,007,044**
[13] A1
[51] **Int.Cl. F03D 3/06 (2006.01) F03D 9/25 (2016.01) F03D 3/00 (2006.01)**
[25] EN
[54] **WIND TURBINE APPARATUSES**
[54] **APPAREILS DU TYPE EOLIENNE**
[72] RODWAY, GILES, GB
[72] JOACHIM, KURT, GB
[71] SPINETIC ENERGY LIMITED, GB
[85] 2018-05-31
[86] 2016-11-30 (PCT/GB2016/053750)
[87] (WO2017/098212)
[30] GB (1521927.2) 2015-12-12

[21] **3,007,045**
[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/172 (2006.01) A61M 5/315 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLED DRUG DELIVERY PUMPS**
[54] **SYSTEMES ET PROCEDES POUR POMPES D'ADMINISTRATION DE MEDICAMENTS COMMANDEE**
[72] LAURENCE, LAWTON, US
[72] HANSON, IAN B., US
[72] BENTE, PAUL F., IV, US
[72] TRZYBINSKI, ROBERT, US
[71] UNL HOLDINGS LLC, US
[85] 2018-05-31
[86] 2016-12-02 (PCT/IB2016/001835)
[87] (WO2017/093803)
[30] US (62/262,683) 2015-12-03

[21] **3,007,046**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/58 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] CORR, STUART, GB
[72] NOAKES, TIMOTHY JAMES, GB
[71] MEXICHEM FLUOR S.A. DE C.V., MX
[85] 2018-05-31
[86] 2016-12-02 (PCT/GB2016/053804)
[87] (WO2017/093755)
[30] GB (1521462.0) 2015-12-04

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[21] **3,007,047**
[13] A1
[51] **Int.Cl. B01J 8/00 (2006.01) B01J 8/20 (2006.01) B01J 8/22 (2006.01) B01J 19/00 (2006.01) B01J 19/26 (2006.01)**
[25] EN
[54] **PRESSURE DRIVEN FLOW CRYSTALLIZER**
[54] **CRISTALLISEUR D'ECOULEMENT ENTRAINE PAR PRESSION**
[72] MYERSON, ALLAN STUART, US
[72] O'MAHONY, MARCUS, US
[72] STELZER, TORSTEN, US
[72] CUI, YUQING, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2018-05-30
[86] 2016-12-08 (PCT/US2016/000122)
[87] (WO2017/099817)
[30] US (62/264,843) 2015-12-08

---

[21] **3,007,049**
[13] A1
[51] **Int.Cl. B62D 37/02 (2006.01) F03D 9/10 (2016.01) F03D 9/32 (2016.01) B60L 8/00 (2006.01) F02M 35/10 (2006.01)**
[25] EN
[54] **VEHICLE DRAG REDUCTION AND ELECTRICITY GENERATION SYSTEM**
[54] **REDUCTION DE TRAINEE DE VEHICULE ET SYSTEME DE PRODUCTION D'ELECTRICITE**
[72] SIKRORIA, SHIVAM, US
[72] CHOUKSEY, SIDDHANT, IN
[72] GUPTA, SHIV, IN
[71] SMART AUTO LABS INC., US
[85] 2018-05-30
[86] 2016-11-04 (PCT/US2016/060558)
[87] (WO2017/099914)
[30] US (14/961,282) 2015-12-07

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[21] **3,007,050**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/167 (2006.01) A61K 31/56 (2006.01) A61K 31/573 (2006.01) A61K 31/58 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] CORR, STUART, GB
[72] NOAKES, TIMOTHY JAMES, GB
[71] MEXICHEM FLUOR S.A. DE C.V., MX
[85] 2018-05-31
[86] 2016-12-02 (PCT/GB2016/053812)
[87] (WO2017/093758)
[30] GB (1521456.2) 2015-12-04
[30] GB (1615916.2) 2016-09-19

---

[21] **3,007,051**
[13] A1
[51] **Int.Cl. C09B 7/02 (2006.01) C08G 61/12 (2006.01) C09B 61/00 (2006.01) C09B 69/00 (2006.01)**
[25] EN
[54] **AN IMPROVED PROCESS FOR THE PREPARATION OF INDIGO CARMINE**
[54] **PROCEDE DE PREPARATION AMELIORE DE CARMIN D'INDIGO**
[72] VYAS, JANMEJAY RAJNIKANT, IN
[72] DHOTRE, HIMANI, IN
[72] SARMA, NARASIMHA, IN
[72] PATEL, DILIP N., IN
[72] SANGANI, PIYUSH, IN
[72] SHAH, ARPAN KIRITBHAI, IN
[72] PATEL, BABULAL R., IN
[72] WADIA, DEVANG, IN
[71] DISHMAN PHARMACEUTICALS AND CHEMICALS LIMITED, IN
[85] 2018-05-31
[86] 2016-11-25 (PCT/IB2016/057126)
[87] (WO2017/093866)
[30] IN (4535/MUM/2015) 2015-12-01

---

[21] **3,007,053**
[13] A1
[51] **Int.Cl. A22B 5/08 (2006.01) A22B 5/10 (2006.01) A22B 5/16 (2006.01) A22C 17/14 (2006.01) A22C 17/16 (2006.01)**
[25] EN
[54] **SEPARATING TISSUE FROM AN INTESTINE**
[54] **SEPARATION DE TISSU D'UN INTESTIN**
[72] BAAUW, ARIE, NL
[71] VAN HESSEN B.V., NL
[85] 2018-05-31
[86] 2016-12-08 (PCT/NL2016/050858)
[87] (WO2017/099597)
[30] NL (2015948) 2015-12-11

[21] **3,007,054**
[13] A1
[51] **Int.Cl. B65D 71/00 (2006.01) A47K 10/16 (2006.01) B65B 35/50 (2006.01)**
[25] EN
[54] **TRANSPORT PACKAGE FOR INDIVIDUAL PACKAGES OF ABSORBENT TISSUE PAPER MATERIAL**
[54] **EMBALLAGE DE TRANSPORT POUR EMBALLAGES INDIVIDUELS DE MATERIAU DE PAPIER MINCE ABSORBANT**
[72] WALLENIUS, HANS, SE
[72] WELANDER, FREDRIK, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2018-05-31
[86] 2015-12-18 (PCT/SE2015/051373)
[87] (WO2017/105309)

[21] **3,007,055**
[13] A1
[51] **Int.Cl. C12N 9/12 (2006.01) A61K 38/17 (2006.01) C12N 15/54 (2006.01)**
[25] EN
[54] **CAMKK1 AS A NOVEL REGENERATIVE THERAPEUTIC**
[54] **CAMKK1 UTILISE EN TANT QUE NOUVEL AGENT DE THERAPIE REGENERATIVE**
[72] PENN, MARC S., US
[72] MAYORGA, MARITZA, US
[72] KIEDROWSKI, MATTHEW, US
[71] SUMMA HEALTH, US
[71] NORTHEAST OHIO MEDICAL UNIVERSITY, US
[85] 2018-05-31
[86] 2015-12-01 (PCT/US2015/063118)
[87] (WO2016/089826)
[30] US (62/086,026) 2014-12-01

[21] **3,007,056**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 5/071 (2010.01)**
[25] EN
[54] **MULTIPLEX CELLULAR REFERENCE MATERIALS**
[54] **MATERIELS DE REFERENCE CELLULAIRES MULTIPLEXES**
[72] HUANG, CATHERINE, US
[72] ANEKELLA, BHARATHI, US
[72] NGUYEN, LEQUAN T., US
[71] SERACARE LIFE SCIENCES, INC., US
[85] 2018-05-31
[86] 2016-08-25 (PCT/US2016/048668)
[87] (WO2017/095487)
[30] US (62/261,514) 2015-12-01
[30] US (62/323,659) 2016-04-16

[21] **3,007,057**
[13] A1
[51] **Int.Cl. A61M 15/06 (2006.01) A24F 47/00 (2006.01) A61M 15/00 (2006.01)**
[25] EN
[54] **CARTRIDGE ASSEMBLY WITH HELICOIDAL ACTIVATION**
[54] **ENSEMBLE CARTOUCHE AVEC ACTIVATION HELICOIDALE**
[72] SAYGILI, ALI MURAT, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-31
[86] 2017-01-25 (PCT/EP2017/051548)
[87] (WO2017/129616)
[30] EP (16152639.7) 2016-01-25

[21] **3,007,058**
[13] A1
[51] **Int.Cl. A61K 31/7068 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **CYTARABINE CONJUGATES FOR CANCER THERAPY**
[54] **CONJUGUES DE CYTARABINE POUR LE TRAITEMENT DU CANCER**
[72] GENGRINOVITCH, STELA, IL
[72] BEN YAKAR, RUTH, IL
[71] BIOSIGHT LTD., IL
[85] 2018-05-31
[86] 2016-01-25 (PCT/IL2016/050077)
[87] (WO2017/093993)
[30] US (62/262,428) 2015-12-03

[21] **3,007,059**
[13] A1
[51] **Int.Cl. E21B 28/00 (2006.01) E21B 34/06 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SELECT-FIRE, DOWNHOLE SHOCKWAVE GENERATION DEVICES, HYDROCARBON WELLS THAT INCLUDE THE SHOCKWAVE GENERATION DEVICES, AND METHODS OF UTILIZING THE SAME**
[54] **DISPOSITIFS DE GENERATION D'ONDE DE CHOC DE FOND DE TROU A AMORCAGE SELECTIF, PUITS D'HYDROCARBURES QUI COMPRENNENT LES DISPOSITIFS DE GENERATION D'ONDE DE CHOC, ET PROCEDES D'UTILISATION ASSOCIES**
[72] TOLMAN, RANDY C., US
[72] SPIECKER, P., MATTHEW, US
[72] LONNES, STEVE, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-05-31
[86] 2016-09-13 (PCT/US2016/051509)
[87] (WO2017/095497)
[30] US (62/263,069) 2015-12-04

[21] **3,007,060**
[13] A1
[51] **Int.Cl. B29C 47/00 (2006.01) B29C 47/62 (2006.01) C08G 69/00 (2006.01) C08G 69/14 (2006.01)**
[25] EN
[54] **HIGH MOLECULAR WEIGHT POLYAMIDES AND COPOLYAMIDES WITH UNIFORM RV AND LOW GEL CONTENT**
[54] **POLYAMIDES DE MASSE MOLECULAIRE ELEVEE ET COPOLYAMIDES A RV UNIFORMES ET FAIBLE TENEUR EN GEL**
[72] POLK, JAMES E., US
[72] SCHWIER, CHRIS E., US
[72] SEN, ASHISH, US
[72] TRASK, CRAIG A., US
[72] UZUNPINAR, CIHAN, US
[72] WANG, CHIE-HSIUNG, US
[72] ZABCIK, J., MARTY, US
[71] ASCEND PERFORMANCE MATERIALS OPERATIONS LLC, US
[85] 2018-05-31
[86] 2016-11-29 (PCT/US2016/063916)
[87] (WO2017/095772)
[30] US (62/261,392) 2015-12-01

[21] **3,007,061**
[13] A1
[51] **Int.Cl. A61K 31/26 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **METHODS FOR INHIBITING CONVERSION OF CARNITINE TO TRIMETHYLAMINE (TMA)**
[54] **PROCEDES POUR INHIBER LA CONVERSION DE LA CARNITINE EN TRIMETHYLAMINE (TMA)**
[72] HAZEN, STANLEY LEON, US
[72] GARCIA-GARCIA, JOSE CARLOS, US
[72] GERBERICK, GEORGE FRANKLIN, US
[72] WOS, JOHN AUGUST, US
[72] STANTON, DAVID THOMAS, US
[72] INGLIN, THOMAS ALFRED, US
[72] REILLY, MICHAEL, US
[72] DEUTSCH, ANGELA JANE, US
[72] REED, JODIE MICHELLE, US
[72] CODY, DAVID BLAIR, US
[71] THE PROCTER & GAMBLE COMPANY, US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2018-05-31
[86] 2016-12-01 (PCT/US2016/064341)
[87] (WO2017/095995)
[30] US (62/261,645) 2015-12-01
[30] US (62/261,662) 2015-12-01
[30] US (62/356,422) 2016-06-29

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[21] **3,007,064**
[13] A1
[51] **Int.Cl. A61K 47/02 (2006.01) A61C 8/00 (2006.01) A61K 9/10 (2006.01) A61L 27/52 (2006.01) A61L 27/54 (2006.01) A61P 1/02 (2006.01) A61P 19/08 (2006.01) A61P 23/02 (2006.01)**
[25] EN
[54] **MAGNESIUM PHOSPHATE HYDROGELS**
[54] **HYDROGELS DE PHOSPHATE DE MAGNESIUM**
[72] AL-HASHEDI, ASHWAQ ALI, CA
[72] LAURENTI, MARCO, IT
[72] AL SUBAIE, AHMED EBRAHEEM, CA
[72] ABDALLAH, MOHAMED-NUR, CY
[72] TAMIMI MARINO, ISKANDAR, CA
[72] TAMIMI MARINO, FALEH, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[85] 2018-05-31
[86] 2016-12-02 (PCT/CA2016/051415)
[87] (WO2017/096469)
[30] US (62/265,570) 2015-12-10

---

[21] **3,007,065**
[13] A1
[51] **Int.Cl. C07H 19/06 (2006.01) A61K 47/50 (2017.01) A61K 31/7068 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07H 19/067 (2006.01)**
[25] EN
[54] **SALTS OF CONJUGATES FOR CANCER THERAPY**
[54] **SELS DE CONJUGUES EN CANCERO-THERAPIE**
[72] GENGRINOVITCH, STELA, IL
[71] BIOSIGHT LTD., IL
[85] 2018-05-31
[86] 2016-12-01 (PCT/IL2016/051287)
[87] (WO2017/094011)
[30] US (62/262,428) 2015-12-03
[30] IL (PCT/IL2016/050077) 2016-01-25
[30] US (62/370,257) 2016-08-03

---

[21] **3,007,066**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12N 15/85 (2006.01)**
[25] EN
[54] **METHODS FOR GENDER DETERMINATION OF AVIAN EMBRYOS IN UNHATCHED EGGS AND MEANS THEREOF**
[54] **PROCEDES DE DETERMINATION DU SEXE D'EMBRYONS AVIAIRES DANS LES □UFS NON ECLOS ET MOYENS CORRESPONDANTS**
[72] OFFEN, DANIEL, IL
[71] EGGXYT LTD, IL
[85] 2018-05-31
[86] 2016-12-01 (PCT/IL2016/051291)
[87] (WO2017/094015)
[30] US (62/262,409) 2015-12-03

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[21] **3,007,067**
[13] A1
[51] **Int.Cl. G01N 3/30 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR NON-DESTRUCTIVE MEASUREMENT OF MODULUS OF ELASTICITY AND/OR THE COMPRESSIVE STRENGTH OF MASONRY SAMPLES**
[54] **PROCEDE ET APPAREIL DE MESURE NON DESTRUCTIVE DE MODULE D'ELASTICITE ET/OU DE CAPACITE ULTIME D'ECHANTILLONS DE MACONNERIE**
[72] COX, NEIL, CA
[72] BOOTH, JAMES, CA
[72] BRZEV, SVETLANA, CA
[72] KENNEDY, DIANE, CA
[72] MCEWEN, BILL, CA
[71] BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY, CA
[85] 2018-05-31
[86] 2017-01-18 (PCT/CA2017/050058)
[87] (WO2017/124188)
[30] US (62/279,934) 2016-01-18

[21] **3,007,068**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AN AEROSOL-GENERATING DEVICE COMPRISING A FEEDBACK DEVICE**
[54] **DISPOSITIF GENERATEUR D'AEROSOL COMPRENANT UN DISPOSITIF DE RETROACTION**
[72] BERNAUER, DOMINIQUE, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-05-31
[86] 2017-03-02 (PCT/EP2017/054955)
[87] (WO2017/149093)
[30] EP (16158320.8) 2016-03-02

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[21] **3,007,069**
[13] A1
[51] **Int.Cl. G02B 26/10 (2006.01) G02B 27/00 (2006.01) G02B 27/01 (2006.01) H04N 5/74 (2006.01) H04N 9/31 (2006.01)**
[25] EN
[54] **IMAGE PROJECTION SYSTEM**
[54] **SYSTEME DE PROJECTION D'IMAGE**
[72] GREENBERG, BORIS, IL
[71] EYEWAY VISION LTD., IL
[85] 2018-05-31
[86] 2016-11-29 (PCT/IL2016/051275)
[87] (WO2017/094002)
[30] IL (242895) 2015-12-03

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[21] **3,007,071**
[13] A1
[51] **Int.Cl. H01M 4/86 (2006.01) H01M 4/96 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **GAS DIFFUSION ELECTRODE**
[54] **ELECTRODE A DIFFUSION GAZEUSE**
[72] MIYAKE, TORU, JP
[72] UTSUNOMIYA, MASAMICHI, JP
[72] TANIMURA, YASUAKI, JP
[72] SHIGETA, KAZUYO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2018-05-31
[86] 2016-12-16 (PCT/JP2016/087624)
[87] (WO2017/110690)
[30] JP (2015-251254) 2015-12-24

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[21] **3,007,073**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C21D 9/46 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH HOT-ROLLED STEEL SHEET FOR ELECTRIC RESISTANCE WELDED STEEL PIPE AND MANUFACTURING METHOD THEREFOR**
[54] **TOLE D'ACIER LAMINEE A CHAUD DE RESISTANCE ELEVEE POUR TUYAU EN ACIER SOUDE PAR RESISTANCE ELECTRIQUE, ET SON PROCEDE DE FABRICATION**
[72] NAKATA, HIROSHI, JP
[72] URABE, MOTOHIKO, JP
[72] KAWAMURA, SHUJI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-05-31
[86] 2017-01-23 (PCT/JP2017/002041)
[87] (WO2017/130875)
[30] JP (2016-012891) 2016-01-27

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[21] **3,007,074**
[13] A1
[51] **Int.Cl. G05B 19/418 (2006.01) G06Q 50/04 (2012.01)**
[25] EN
[54] **DISPLAY METHOD, RECORDING MEDIUM, AND DISPLAY CONTROL DEVICE**
[54] **PROCEDE D'AFFICHAGE, PROGRAMME D'AFFICHAGE, ET DISPOSITIF DE COMMANDE D'AFFICHAGE**
[72] NOMAMOTO, SATOSHI, JP
[72] NISHIMURA, TAKEHIKO, JP
[71] FUJITSU LIMITED, JP
[85] 2018-05-31
[86] 2015-12-09 (PCT/JP2015/084582)
[87] (WO2017/098618)

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[21] **3,007,076**
[13] A1
[51] **Int.Cl. C25D 17/04 (2006.01) C25D 5/54 (2006.01) C25D 17/00 (2006.01) C25D 17/06 (2006.01) C25D 17/10 (2006.01) C25D 21/12 (2006.01)**
[25] EN
[54] **AN ELECTROCHEMICAL DEPOSITION APPARATUS AND METHODS OF USING THE SAME**
[54] **APPAREIL DE DEPOT ELECTROCHIMIQUE ET PROCEDES D'UTILISATION DE CE DERNIER**
[72] CHANDRASEKHAR, PRASANNA, US
[72] ZAY, BRIAN J., US
[72] MODES, RICHARD, US
[72] LAROSA, ANTHONY, US
[72] HOBIN, KYLE, US
[71] ASHWIN-USHAS CORPORATION, INC., US
[85] 2018-05-31
[86] 2016-11-30 (PCT/US2016/064225)
[87] (WO2017/095930)
[30] US (14/956,493) 2015-12-02

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[21] **3,007,077**
[13] A1
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 17/00 (2006.01) F16K 1/18 (2006.01)**
[25] EN
[54] **SUBSURFACE SAFETY VALVE WITH PERMANENT LOCK OPEN FEATURE**
[54] **VANNE DE SECURITE SOUTERRAINE DOTEE D'UNE CARACTERISTIQUE DE BLOCAGE PERMANENT EN POSITION OUVERTE**
[72] WILLIAMSON, JIMMIE ROBERT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-05-31
[86] 2016-03-11 (PCT/US2016/022153)
[87] (WO2017/155549)

[21] **3,007,078**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **SELECTIVE STIMULATION PORTS INCLUDING SEALING DEVICE RETAINERS AND METHODS OF UTILIZING THE SAME**
[54] **ORIFICES DE STIMULATION SELECTIVE COMPRENANT DES ELEMENTS DE RETENUE DE DISPOSITIF D'ETANCHEITE ET PROCEDES D'UTILISATION DE CES DERNIERS**
[72] TOLMAN, RANDY C., US
[72] SPIECKER, P. MATTHEW, US
[72] LONNES, STEVE, US
[72] HALL, TIMOTHY J., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-05-31
[86] 2016-11-01 (PCT/US2016/059906)
[87] (WO2017/095572)
[30] US (62/263,067) 2015-12-04
[30] US (62/411,004) 2016-10-21

---

[21] **3,007,079**
[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VALIDATION OF A TOKEN REQUESTOR**
[54] **PROCEDE ET SYSTEME POUR UNE VALIDATION D'UN DEMANDEUR DE JETON**
[72] KOLETSKY, BARRY, US
[72] MUSIL, AIMEE, US
[72] LISCIA, MAURICE DAVID, US
[72] SNYDER, KEITH E., US
[72] LAKKA, SOWMYA, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-05-31
[86] 2016-11-15 (PCT/US2016/061996)
[87] (WO2017/095620)
[30] US (14/957,444) 2015-12-02

---

[21] **3,007,080**
[13] A1
[51] **Int.Cl. H01R 13/6466 (2011.01) H01R 13/6473 (2011.01) H01R 13/6585 (2011.01) H01R 24/64 (2011.01) H01R 43/16 (2006.01)**
[25] EN
[54] **HIGH SPEED COMMUNICATION JACK**
[54] **CONNECTEUR FEMELLE DE COMMUNICATION A HAUT DEBIT**
[72] ROBINSON, BRETT, US
[71] SENTINEL CONNECTOR SYSTEMS, INC., US
[85] 2018-05-31
[86] 2016-11-28 (PCT/US2016/063866)
[87] (WO2017/095745)
[30] US (14/955,166) 2015-12-01

---

[21] **3,007,081**
[13] A1
[51] **Int.Cl. A61K 31/275 (2006.01) A61K 31/277 (2006.01) A61K 31/4453 (2006.01) A61K 31/5375 (2006.01) A61K 31/7024 (2006.01)**
[25] EN
[54] **METHODS FOR INHIBITING CONVERSION OF CHOLINE TO TRIMETHYLAMINE (TMA)**
[54] **PROCEDES POUR INHIBER LA CONVERSION DE LA CHOLINE EN TRIMETHYLAMINE (TMA)**
[72] HAZEN, STANLEY LEON, US
[72] GARCIA-GARCIA, JOSE CARLOS, US
[72] GERBERICK, GEORGE FRANKLIN, US
[72] WOS, JOHN AUGUST, US
[72] STANTON, DAVID THOMAS, US
[72] INGLIN, THOMAS ALFRED, US
[72] REILLY, MICHAEL, US
[72] DEUTSCH, ANGELA JANE, US
[72] REED, JODIE MICHELLE, US
[72] CODY, DAVID BLAIR, US
[71] THE PROCTER & GAMBLE COMPANY, US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2018-05-31
[86] 2016-12-01 (PCT/US2016/064339)
[87] (WO2017/095993)
[30] US (62/261,645) 2015-12-01
[30] US (62/261,662) 2015-12-01
[30] US (62/356,422) 2016-06-29

---

[21] **3,007,082**
[13] A1
[51] **Int.Cl. A61B 17/17 (2006.01) A61B 34/10 (2016.01)**
[25] EN
[54] **PATIENT SPECIFIC INSTRUMENTS AND METHODS FOR JOINT PROSTHESIS**
[54] **INSTRUMENTS SPECIFIQUES A UN PATIENT ET PROCEDES DE PROTHESE ARTICULAIRE**
[72] MAULDIN, RICHARD GARRET, US
[72] FLANAGAN, THOMAS ANTHONY, US
[72] LIZEE, EMMANUEL FRANCOIS MARIE, US
[71] TORNIER, INC., US
[85] 2018-05-31
[86] 2016-11-28 (PCT/US2016/063883)
[87] (WO2017/105815)
[30] US (62/268,045) 2015-12-16

---

[21] **3,007,083**
[13] A1
[51] **Int.Cl. H01L 23/66 (2006.01) H01L 21/768 (2006.01) H01L 23/522 (2006.01) H01L 49/02 (2006.01)**
[25] EN
[54] **MONOLITHIC INTEGRATION OF ANTENNA SWITCH AND DIPLEXER**
[54] **INTEGRATION MONOLITHIQUE D'UN COMMUTATEUR D'ANTENNE ET D'UN DIPLEXEUR**
[72] GU, SHIQUN, US
[72] ZUO, CHENGJIE, US
[72] FANELLI, STEVE, US
[72] GEE, THOMAS, US
[72] SONG, YOUNG KYU, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-05-31
[86] 2016-11-29 (PCT/US2016/063973)
[87] (WO2017/123332)
[30] US (62/277,451) 2016-01-11
[30] US (15/151,285) 2016-05-10

[21] **3,007,084**
[13] A1
[51] **Int.Cl. C12M 1/36 (2006.01) C12M 3/00 (2006.01) C12M 3/04 (2006.01) C12Q 3/00 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **DEVICES, METHODS, AND COMPOSITIONS FOR RESTRICTING CELL POSITION AND STABILIZING CELLS IN CULTURE SYSTEMS**
[54] **DISPOSITIFS, PROCEDES ET COMPOSITIONS PERMETTANT DE RESTREINDRE LE POSITION DE CELLULES ET DE STABILISER DES CELLULES DANS DES SYSTEMES DE CULTURE**
[72] HAJIPOURAN BENAM, KAMBEZ, US
[72] NOVAK, RICHARD, US
[72] INGBER, DONALD E., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064647)
[87] (WO2017/116608)
[30] US (62/263,383) 2015-12-04
[30] US (62/333,007) 2016-05-06

[21] **3,007,086**
[13] A1
[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR UTILIZING VEHICLE CONNECTIVITY IN ASSOCIATION WITH PAYMENT TRANSACTIONS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'UTILISER UNE CONNECTIVITE DE VEHICULE EN ASSOCIATION AVEC DES TRANSACTIONS DE PAIEMENT**
[72] CHENG, RICHARD, US
[72] FRIEDMAN, MICHAEL J., US
[72] LEE, CHARLES SANGWON, US
[72] LOPES, VITORINO JOSE PEREIRA, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-05-31
[86] 2016-12-07 (PCT/US2016/065323)
[87] (WO2017/100282)
[30] US (62/264,203) 2015-12-07
[30] US (62/312,157) 2016-03-23

[21] **3,007,088**
[13] A1
[51] **Int.Cl. A47K 7/00 (2006.01) A47K 7/04 (2006.01) A61F 4/00 (2006.01) A61M 35/00 (2006.01) B25J 1/04 (2006.01) A61B 17/54 (2006.01)**
[25] EN
[54] **HANDHELD DEVICE FOR PERSONAL HYGIENE OF THE FOOT**
[54] **DISPOSITIF PORTATIF POUR L'HYGIENE PERSONNELLE DU PIED**
[72] DAVIA, PAUL C., US
[71] GAJANANA, LLC, US
[85] 2018-05-31
[86] 2016-12-12 (PCT/US2016/066133)
[87] (WO2017/106091)
[30] US (62/266,886) 2015-12-14
[30] US (15/355,743) 2016-11-18

[21] **3,007,091**
[13] A1
[51] **Int.Cl. B01J 37/20 (2006.01) C10G 1/06 (2006.01) C10G 3/00 (2006.01)**
[25] EN
[54] **METHOD OF EXTENDING BIOMASS CONVERSION CATALYST LIFE**
[54] **PROCEDE DE PROLONGATION DE LA DUREE DE VIE D'UN CATALYSEUR DE CONVERSION DE BIOMASSE**
[72] BOON, ANDRIES QUIRIN MARIA, US
[72] POWELL, JOSEPH BROUN, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-05-31
[86] 2016-12-14 (PCT/US2016/066449)
[87] (WO2017/106228)
[30] US (62/266,736) 2015-12-14

[21] **3,007,092**
[13] A1
[51] **Int.Cl. B32B 5/02 (2006.01) B32B 27/12 (2006.01) B32B 27/32 (2006.01) B32B 27/36 (2006.01) B32B 27/40 (2006.01) D03D 13/00 (2006.01) D03D 15/00 (2006.01) D03D 15/12 (2006.01) D04B 1/16 (2006.01) D04B 1/26 (2006.01) D06M 15/256 (2006.01)**
[25] EN
[54] **FABRICS CONTAINING EXPANDED POLYTETRAFLUOROETHYLENE FIBERS**
[54] **ETOFFES CONTENANT DES FIBRES DE POLYTETRAFLUOROETHYLENE EXPANSE**
[72] MINOR, DAVID J., US
[72] ARIFOGLU, MUSTAFA, UA
[72] MINOR, RAYMOND B., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2018-05-31
[86] 2016-12-14 (PCT/US2016/066467)
[87] (WO2017/106237)
[30] US (14/968,000) 2015-12-14

[21] **3,007,093**
[13] A1
[51] **Int.Cl. B22F 3/14 (2006.01) B24D 3/10 (2006.01) C22C 26/00 (2006.01) B22F 5/00 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE DIAMOND CUTTERS HAVING NON-CATALYTIC MATERIAL ADDITION AND METHODS OF MAKING THE SAME**
[54] **DISPOSITIFS DE COUPE EN DIAMANT POLYCRISTALLIN COMPORTANT UN AJOUT DE MATERIAU NON CATALYTIQUE ET PROCEDES DE FABRICATION DE CEUX-CI**
[72] ZHANG, KAI, US
[71] DIAMOND INNOVATIONS, INC., US
[85] 2018-05-31
[86] 2016-12-15 (PCT/US2016/066827)
[87] (WO2017/106442)
[30] US (62/267,979) 2015-12-16

[21] **3,007,096**
[13] A1
[51] **Int.Cl. E21B 33/16 (2006.01) E21B 43/117 (2006.01)**
[25] EN
[54] **PUMP-THROUGH PERFORATING GUN COMBINING PERFORATION WITH OTHER OPERATION**
[54] **PERFORATEUR A TRAVERS POMPE COMBINANT PERFORATION AVEC UNE AUTRE OPERATION**
[72] SEGURA, JOHN W., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2018-05-31
[86] 2016-12-14 (PCT/US2016/066673)
[87] (WO2017/112487)
[30] US (14/979,147) 2015-12-22

---

[21] **3,007,097**
[13] A1
[51] **Int.Cl. A61K 36/53 (2006.01) A61K 36/25 (2006.01)**
[25] EN
[54] **USE OF MITOCHONDRIAL IRON CHELATORS FOR TREATMENT OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE**
[54] **UTILISATION DE CHELATEURS DU FER MITOCHONDRIAL POUR LE TRAITEMENT DE LA BRONCHOPNEUMOPATHIE CHRONIQUE OBSTRUCTIVE**
[72] CHOI, AUGUSTINE M.K., US
[72] CLOONAN, SUZANNE M., US
[71] CORNELL UNIVERSITY, US
[85] 2018-05-31
[86] 2016-12-01 (PCT/US2016/064375)
[87] (WO2017/096013)
[30] US (62/261,364) 2015-12-01

---

[21] **3,007,098**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **CCL20 AS A PREDICTOR OF CLINICAL RESPONSE TO IL23-ANTAGONISTS**
[54] **CCL20 EN TANT QUE PREDICTEUR DE REPONSE CLINIQUE AUX ANTAGONISTES D'IL23**
[72] GEORGANTAS, ROBERT W., III, US
[72] MOREHOUSE, CHRIS, US
[72] HIGGS, BRANDON, US
[72] RANADE, KOUSTUBH, US
[72] [illegible]EICHER, KATIE, US
[72] REES, WILLIAM, US
[72] LIANG, MEINA, US
[72] FAGGIONI, RAFFAELLA, US
[72] LI, JING, US
[72] VAINSHTEIN, INNA, US
[72] LEE, YEN-WAH, US
[72] CHEN, JINGJING, US
[72] GASSER, ROBERT A., JR., US
[71] AMGEN INC, US
[71] MEDIMMUNE, LLC, US
[85] 2018-05-31
[86] 2016-12-16 (PCT/US2016/067120)
[87] (WO2017/112536)
[30] US (62/271,156) 2015-12-22

---

[21] **3,007,099**
[13] A1
[51] **Int.Cl. E21B 17/02 (2006.01) E21B 33/122 (2006.01) H01R 4/28 (2006.01) H01R 13/523 (2006.01)**
[25] EN
[54] **DOUBLE SEAL FOR TRI-LEAD STYLE PACKER PENETRATORS AND METHOD OF INSTALLATION**
[54] **JOINT D'ETANCHEITE DOUBLE POUR PENETRATEUR DE GARNITURE DE TYPE A TROIS PAS ET PROCEDE D'INSTALLATION**
[72] EMERSON, TOD D., US
[71] QUICK CONNECTORS, INC., US
[85] 2018-05-31
[86] 2016-12-01 (PCT/US2016/064469)
[87] (WO2017/096074)
[30] US (62/261,588) 2015-12-01

---

[21] **3,007,100**
[13] A1
[51] **Int.Cl. C10L 3/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE CATALYTIC METHANIZATION OF REACTANT GASES**
[54] **PROCEDE ET INSTALLATION POUR LA METHANISATION CATALYTIQUE DE GAZ D'EDUIT**
[72] FRIEDACHER, ALFRED, AT
[72] BIEGGER, PHILIPP, AT
[71] CHRISTOF INTERNATIONAL MANAGEMENT GMBH, AT
[85] 2018-06-01
[86] 2016-11-30 (PCT/AT2016/060114)
[87] (WO2017/091841)
[30] AT (A 51029/2015) 2015-12-01

---

[21] **3,007,101**
[13] A1
[51] **Int.Cl. C22B 3/00 (2006.01) C22B 3/12 (2006.01) C22B 3/20 (2006.01) C25B 1/30 (2006.01) H01M 10/54 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTINUOUS ALKALINE LEAD ACID BATTERY RECYCLING**
[54] **SYSTEMES ET PROCEDES DE RECYCLAGE CONTINU D'ACCUMULATEURS ALCALINS AU PLOMB-ACIDE**
[72] CLARKE, ROBERT LEWIS, US
[72] MOHANTA, SAMARESH, US
[71] AQUA METALS INC., US
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064697)
[87] (WO2017/096209)
[30] US (14/957,026) 2015-12-02

[21] **3,007,103**
[13] A1
[51] **Int.Cl. C12P 7/06 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **PROCESS OF EXTRACTING OIL FROM THIN STILLAGE**
[54] **PROCEDE D'EXTRACTION D'HUILE A PARTIR DE RESIDUS DE DISTILLATION FIN**
[72] JUMP, JOSEPH, US
[72] VIDAL, BERNARDO, JR., US
[72] SOONG, CHEE-LEONG, US
[72] ROBERTS, MADISON, US
[72] HOOSS, MELISSA CARRIE, US
[72] SHEN, XINYU, US
[72] KREEL, NATHANIEL EDWARD, US
[71] NOVOZYMES A/S, DK
[85] 2018-05-31
[86] 2016-12-16 (PCT/US2016/067080)
[87] (WO2017/112533)
[30] US (62/271,182) 2015-12-22
[30] US (62/271,063) 2015-12-22
[30] US (62/324,107) 2016-04-18
[30] US (62/430,695) 2016-12-06

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[21] **3,007,104**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) G06Q 50/22 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMIZING MANAGEMENT OF PATIENTS WITH MEDICAL DEVICES AND MONITORING COMPLIANCE**
[54] **DES SYSTEMES ET DES PROCEDES POUR OPTIMISER LA GESTION DE PATIENTS AVEC DES DISPOSITIFS MEDICAUX ET POUR SURVEILLER L'OBSERVANCE**
[72] SCHECTER, STUART OWEN, US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064716)
[87] (WO2017/096224)
[30] US (62/386,452) 2015-12-02

---

[21] **3,007,105**
[13] A1
[51] **Int.Cl. A47K 3/12 (2006.01) A47C 1/00 (2006.01) A47C 9/00 (2006.01)**
[25] EN
[54] **SHOWER BENCH SEAT**
[54] **BANQUETTE DE DOUCHE**
[72] FORTMAN, CHRISTOPHER J., US
[71] FORTMAN, CHRISTOPHER J., US
[85] 2018-05-31
[86] 2016-12-16 (PCT/US2016/067190)
[87] (WO2017/106653)
[30] US (62/268,696) 2015-12-17

---

[21] **3,007,106**
[13] A1
[51] **Int.Cl. B29C 45/17 (2006.01) B29C 31/00 (2006.01)**
[25] EN
[54] **MOLDING MACHINE AND METHOD OF OPERATING A MOLDING MACHINE**
[54] **MACHINE DE MOULAGE ET PROCEDE DE COMMANDE D'UNE MACHINE DE MOULAGE**
[72] FITZPATRICK, RICHARD ERNEST, US
[71] EXTRUDE TO FILL, LLC, US
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064724)
[87] (WO2017/096231)
[30] US (14/959,921) 2015-12-04
[30] US (14/960,101) 2015-12-04
[30] US (14/960,115) 2015-12-04
[30] US (PCT/US2015/064045) 2015-12-04
[30] US (PCT/US2015/064073) 2015-12-04
[30] US (PCT/US2015/064110) 2015-12-04
[30] US (15/177,271) 2016-06-08

---

[21] **3,007,107**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01)**
[25] EN
[54] **METHODS OF DIFFERENTIATING RETINAL CELLS**
[54] **PROCEDES DE DIFFERENCIATION DE CELLULES RETINIENNES**
[72] IOANNIS, JASON LIMNIOS, AU
[71] BOND UNIVERSITY LTD, AU
[85] 2018-06-01
[86] 2016-12-05 (PCT/AU2016/000390)
[87] (WO2017/091844)
[30] AU (2015905049) 2015-12-04

---

[21] **3,007,108**
[13] A1
[51] **Int.Cl. C12N 9/90 (2006.01) A61K 9/127 (2006.01) A61K 31/7088 (2006.01) A61P 3/00 (2006.01) C12N 15/61 (2006.01)**
[25] EN
[54] **POLYNUCLEOTIDES ENCODING METHYLMALONYL-COA MUTASE**
[54] **POLYNUCLEOTIDES CODANT POUR LA METHYLMALONYL-COA MUTASE**
[72] MARTINI, PAOLO, US
[72] PRESNYAK, VLADIMIR, US
[71] MODERNATX, INC., US
[85] 2018-05-31
[86] 2016-12-16 (PCT/US2016/067393)
[87] (WO2017/106799)
[30] US (62/269,089) 2015-12-17
[30] US (62/269,092) 2015-12-17
[30] US (62/273,112) 2015-12-30
[30] US (62/273,108) 2015-12-30
[30] US (62/274,727) 2016-01-04
[30] US (62/274,722) 2016-01-04
[30] US (62/274,733) 2016-01-04
[30] US (62/274,726) 2016-01-04
[30] US (62/338,478) 2016-05-18
[30] US (62/338,456) 2016-05-18
[30] US (62/409,343) 2016-10-17

---

[21] **3,007,109**
[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **SINGLE USE CAPSULE FOR MACHINES FOR THE DISPENSING OF INFUSED BEVERAGES**
[54] **CAPSULE A USAGE UNIQUE POUR MACHINES POUR LA DISTRIBUTION DE BOISSONS INFUSEES**
[72] STEFANONI, ROBERTO, IT
[71] IMPER S.P.A., IT
[85] 2018-05-31
[86] 2015-12-16 (PCT/IT2015/000313)
[87] (WO2017/103952)

[21] **3,007,110**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) H01L 51/54 (2006.01)**
[25] EN
[54] **HETEROCYCLE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES HETEROCYCLIQUES ET LEURS UTILISATIONS**
[72] ZHAI, HAIXIAO, US
[72] WU, FAN, US
[72] WU, ZHANGGUI, US
[71] SHANGHAI AEON BIOTECH CO., LTD., CN
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064507)
[87] (WO2017/096100)
[30] US (62/262,390) 2015-12-03

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[21] **3,007,111**
[13] A1
[51] **Int.Cl. C12N 1/04 (2006.01) A01N 63/00 (2006.01) C12N 1/14 (2006.01)**
[25] EN
[54] **STABLE INOCULANT COMPOSITIONS AND METHODS FOR PRODUCING SAME**
[54] **COMPOSITIONS D'INOCULANTS STABLES ET LEURS PROCEDES DE PRODUCTION**
[72] GREENSHIELDS, DAVE, CA
[72] WOODS, KRISTI, US
[72] SELNESS, SHAUN RAJ, US
[72] HAN, HUI, US
[71] NOVOZYMES BIOAG A/S, DK
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2018-05-31
[86] 2016-12-20 (PCT/US2016/067745)
[87] (WO2017/116846)
[30] US (62/271,873) 2015-12-28
[30] US (62/296,784) 2016-02-18

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[21] **3,007,112**
[13] A1
[51] **Int.Cl. B60B 19/00 (2006.01) B61C 15/04 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **MAGNETIC WHEEL**
[54] **ROUE MAGNETIQUE**
[72] REBOREDO LOSADA, OSCAR, ES
[71] APPLUS SERVICIOS TECNOLOGICOS, S.L., ES
[85] 2018-05-29
[86] 2015-11-30 (PCT/ES2015/070867)
[87] (WO2017/093580)

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[21] **3,007,113**
[13] A1
[51] **Int.Cl. B62K 11/04 (2006.01) B62K 11/14 (2006.01)**
[25] EN
[54] **TWO-WHEELED VEHICLE**
[54] **VEHICULE A DEUX ROUES**
[72] QUADE, NEIL P., US
[72] EDEL, JOSH L., US
[72] FELDMAN, JOHN E., US
[72] DAVIS, CLARK D., US
[72] KRUGER, STEVEN F., US
[72] GSCHWIND, MATTHEW R., US
[71] INDIAN MOTORCYCLE INTERNATIONAL, LLC, US
[85] 2018-05-31
[86] 2016-12-28 (PCT/US2016/068849)
[87] (WO2017/117204)
[30] US (14/985,673) 2015-12-31

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[21] **3,007,114**
[13] A1
[51] **Int.Cl. B29C 45/76 (2006.01) B29C 45/47 (2006.01) B29C 45/77 (2006.01)**
[25] EN
[54] **METHOD OF MOLDING A PART**
[54] **PROCEDE DE MOULAGE D'UNE PIECE**
[72] FITZPATRICK, RICHARD ERNEST, US
[71] EXTRUDE TO FILL, LLC, US
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064781)
[87] (WO2017/096272)
[30] US (14/959,921) 2015-12-04
[30] US (14/960,101) 2015-12-04
[30] US (14/960,115) 2015-12-04
[30] US (PCT/US15/064045) 2015-12-04
[30] US (PCT/US15/064073) 2015-12-04
[30] US (PCT/US15/064110) 2015-12-04
[30] US (15/177,301) 2016-06-08

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[21] **3,007,115**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **ANTIBODIES TARGETING FC RECEPTOR-LIKE 5 AND METHODS OF USE**
[54] **ANTICORPS CIBLANT LA PROTEINE DE TYPE RECEPTEUR FC 5 ET PROCEDES D'UTILISATION**
[72] BRENTJENS, RENIER J., US
[72] SMITH, ERIC L., US
[72] LIU, CHENG, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[71] EUREKA THERAPEUTICS, INC., US
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064550)
[87] (WO2017/096120)
[30] US (62/263,586) 2015-12-04

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[21] **3,007,117**
[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INDIRECT MESSAGING**
[54] **SYSTEME ET PROCEDE POUR UNE MESSAGERIE INDIRECTE**
[72] TEIXEIRA DE SOUZA FILHO, SALOMAO, BR
[71] GOOROO MESSAGING CORPORATION, CA
[85] 2018-06-01
[86] 2016-11-24 (PCT/CA2016/051383)
[87] (WO2017/091889)
[30] US (62/262,608) 2015-12-03

[21] **3,007,118**
[13] A1
[51] **Int.Cl. C40B 40/06 (2006.01) G06F 19/10 (2011.01) G06F 19/20 (2011.01) C12Q 1/68 (2018.01) C40B 30/04 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **GENE SIGNATURE OF RESIDUAL RISK FOLLOWING ENDOCRINE TREATMENT IN EARLY BREAST CANCER**
[54] **SIGNATURE GENIQUE DU RISQUE RESIDUEL APRES TRAITEMENT ENDOCRINIEN DANS UN CANCER DU SEIN PRECOCE**
[72] BAYANI, JANE, CA
[72] BARTLETT, JOHN M.S., CA
[72] YAO, CINDY QIANLI, CA
[72] BOUTROS, PAUL C., CA
[71] ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR), CA
[85] 2018-06-01
[86] 2016-12-07 (PCT/CA2016/000304)
[87] (WO2017/096457)
[30] US (62/263,805) 2015-12-07

---

[21] **3,007,119**
[13] A1
[51] **Int.Cl. E04C 2/284 (2006.01) B32B 33/00 (2006.01) C09K 21/02 (2006.01) E04C 2/296 (2006.01)**
[25] EN
[54] **FIRE-RESISTANT CONSTRUCTION PANEL**
[54] **PANNEAU DE CONSTRUCTION RESISTANT AU FEU**
[72] TREMBLAY, HERVEY, CA
[71] THIBAULT, REAL, CA
[71] TREMBLAY, HERVEY, CA
[85] 2018-06-01
[86] 2015-12-02 (PCT/CA2015/000590)
[87] (WO2016/086290)
[30] US (62/086,378) 2014-12-02

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[21] **3,007,120**
[13] A1
[51] **Int.Cl. B64C 39/02 (2006.01) B05B 13/02 (2006.01) B05B 13/04 (2006.01) B08B 3/08 (2006.01) B64D 1/16 (2006.01) H02G 1/02 (2006.01) H02G 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR APPLYING COATING ON OVERHEAD POWER TRANSMISSION CONDUCTORS USING AN UNMANNED AERIAL VEHICLE**
[54] **SYSTEME ET PROCEDE PERMETTANT D'APPLIQUER UN REVETEMENT SUR DES CONDUCTEURS DE TRANSPORT D'ENERGIE AERIEN EN UTILISANT UN VEHICULE AERIEN SANS PILOTE**
[72] DAVIS, CODY R., US
[72] SIRIPURAPU, SRINIVAS, US
[72] RANGANATHAN, SATHISH KUMAR, US
[72] MHETAR, VIJAY, US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[85] 2018-05-31
[86] 2017-01-13 (PCT/US2017/013520)
[87] (WO2017/124005)
[30] US (62/278,247) 2016-01-13

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[21] **3,007,121**
[13] A1
[51] **Int.Cl. B29C 45/47 (2006.01) B29C 45/16 (2006.01) B29C 45/77 (2006.01)**
[25] EN
[54] **MOLDING MACHINE AND METHOD OF MOLDING A PART**
[54] **MACHINE DE MOULAGE ET PROCEDE DE MOULAGE D'UNE PIECE**
[72] FITZPATRICK, RICHARD ERNEST, US
[71] EXTRUDE TO FILL, LLC, US
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064801)
[87] (WO2017/096288)
[30] US (14/959,921) 2015-12-04
[30] US (14/960,101) 2015-12-04
[30] US (14/960,115) 2015-12-04
[30] US (PCT/US2015/064045) 2015-12-04
[30] US (PCT/US2015/064073) 2015-12-04
[30] US (PCT/US2015/064110) 2015-12-04
[30] US (15/177,302) 2016-06-08

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[21] **3,007,124**
[13] A1
[51] **Int.Cl. C01B 3/40 (2006.01) B01J 8/00 (2006.01) B01J 23/80 (2006.01)**
[25] EN
[54] **POLYGENERATION PRODUCTION OF HYDROGEN FOR USE IN VARIOUS INDUSTRIAL PROCESSES**
[54] **PRODUCTION D'HYDROGENE PAR POLYGENERATION DESTINE A ETRE UTILISE DANS DIVERS PROCEDES INDUSTRIELS**
[72] MERRITT, JAMES KELLY, JR., US
[71] GRANNUS, LLC, US
[85] 2018-05-31
[86] 2016-12-04 (PCT/US2016/064875)
[87] (WO2017/096337)
[30] US (62/263,408) 2015-12-04
[30] US (62/263,531) 2015-12-04
[30] US (62/296,058) 2016-02-16

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[21] **3,007,125**
[13] A1
[51] **Int.Cl. C12N 1/12 (2006.01) A23K 10/16 (2016.01)**
[25] FR
[54] **PROCEDE DE CULTURE D'ALGUES ROUGES UNICELLULAIRES (ARU) AVEC DU PERMEAT LACTE**
[54] **METHOD FOR CULTURING UNICELLULAR RED ALGAE (URA) WITH MILK PERMEATE**
[72] CAGNAC, OLIVIER, FR
[72] GEHIN, BRUNO, FR
[72] CHAMPEAU, MARION, FR
[71] FERMENTALG, FR
[85] 2018-06-01
[86] 2016-11-30 (PCT/EP2016/079325)
[87] (WO2017/093345)
[30] FR (1561839) 2015-12-04

[21] **3,007,127**
[13] A1
[51] **Int.Cl. C10M 135/28 (2006.01) C10M 135/30 (2006.01)**
[25] EN
[54] **SULFURIZED CATECHOLATE DETERGENTS FOR LUBRICATING COMPOSITIONS**
[54] **DETERGENTS DE CATECHOLATE SULFURE POUR COMPOSITIONS LUBRIFIANTES**
[72] SALEM, KAMALAKUMARI K., US
[72] WALKER, GARY M., GB
[72] DELBRIDGE, EWAN E., US
[72] MORETON, DAVID J., GB
[72] COX, ADAM, US
[72] BARNES, W. PRESTON, US
[72] ROSKI, JAMES P., US
[72] FAHMY, MOHAMED G., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2018-05-31
[86] 2016-12-07 (PCT/US2016/065279)
[87] (WO2017/105948)
[30] US (62/267,511) 2015-12-15

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[21] **3,007,128**
[13] A1
[51] **Int.Cl. F42D 1/04 (2006.01)**
[25] EN
[54] **CONDUCTIVE SHOCK TUBE**
[54] **TUBE A CHOCS CONDUCTEUR**
[72] MULLER, ELMAR LENNOX, ZA
[71] DETNET SOUTH AFRICA (PTY) LTD, ZA
[85] 2018-05-31
[86] 2017-09-28 (PCT/ZA2017/050073)
[87] (WO2018/068067)
[30] ZA (2016/06882) 2016-10-07

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[21] **3,007,130**
[13] A1
[51] **Int.Cl. B01D 17/04 (2006.01) C10G 33/04 (2006.01)**
[25] EN
[54] **METHODS OF AND COMPOSITIONS FOR TREATING A STREAM COMPRISING CRUDE OIL AND WATER**
[54] **PROCEDES ET COMPOSITIONS DE TRAITEMENT D'UN COURANT COMPRENANT DU PETROLE BRUT ET DE L'EAU**
[72] BAILEY, JOSEPH P., CO
[72] IBAGON, JOHN, US
[71] ECOLAB USA INC., US
[85] 2018-05-31
[86] 2016-12-02 (PCT/US2016/064561)
[87] (WO2017/096129)
[30] US (62/262,131) 2015-12-02

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[21] **3,007,131**
[13] A1
[51] **Int.Cl. A61K 31/505 (2006.01) A61P 17/16 (2006.01) A61Q 17/00 (2006.01)**
[25] EN
[54] **COMPATIBLE SOLUTE OR SOLUTE MIXTURE FOR USE IN THE PREVENTION OR TREATMENT OF DISEASES HAVING BARRIER DEFECTS IN EPITHELIAL TISSUES**
[54] **SOLUTE OU MELANGE DE SOLUTES COMPATIBLE POUR UNE UTILISATION DANS LA PREVENTION OU LE TRAITEMENT DE MALADIES A DEFAUTS DE BARRIERE DANS LES TISSUS EPITHELIAUX**
[72] BILSTEIN, ANDREAS, DE
[72] SCHERNER, OLAF, DE
[71] BITOP AG, DE
[85] 2018-06-01
[86] 2016-12-02 (PCT/EP2016/079548)
[87] (WO2017/093463)
[30] DE (10 2015 121 050.9) 2015-12-03

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[21] **3,007,134**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) B22F 3/105 (2006.01) F01D 9/00 (2006.01)**
[25] EN
[54] **COMPONENT FOR A FLUID FLOW ENGINE AND METHOD**
[54] **COMPOSANT POUR TURBOMACHINE ET PROCEDE ASSOCIE**
[72] FOLBACH, JOHANNES, DE
[72] PHILIPPEN, LOVIS, DE
[72] REUTER, EIKE, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2018-06-01
[86] 2016-12-02 (PCT/EP2016/079545)
[87] (WO2017/093461)
[30] EP (15197795.6) 2015-12-03
[30] EP (16182826.4) 2016-08-04

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[21] **3,007,137**
[13] A1
[51] **Int.Cl. C10L 5/10 (2006.01) C10L 5/14 (2006.01) C10L 5/20 (2006.01) C10L 5/30 (2006.01) C10L 5/36 (2006.01) C10L 5/44 (2006.01)**
[25] EN
[54] **BIOFUEL**
[54] **BIOCARBURANT**
[72] KAY, ARTHUR, GB
[72] SMITH, ALLAN, GB
[71] BIO-BEAN LIMITED, GB
[85] 2018-06-01
[86] 2016-12-02 (PCT/GB2016/053810)
[87] (WO2017/093757)
[30] GB (1521464.6) 2015-12-04
[30] GB (1607149.0) 2016-04-25
[30] GB (1617690.1) 2016-10-19
[30] GB (1617692.7) 2016-10-19

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[21] **3,007,138**
[13] A1
[51] **Int.Cl. A61F 2/00 (2006.01) A61B 5/00 (2006.01) A61F 2/12 (2006.01)**
[25] EN
[54] **TEXTURED SURFACES FOR IMPLANTS**
[54] **SURFACES TEXTUREES POUR IMPLANTS**
[72] HILL, ERNIE, GB
[72] BAYAT, ARDESHIR, GB
[72] BARR, SIMON, GB
[71] ESTABLISHMENT LABS S.A., CR
[85] 2018-06-01
[86] 2016-12-02 (PCT/EP2016/079659)
[87] (WO2017/093528)
[30] GB (1521474.5) 2015-12-04

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[21] **3,007,141**
[13] A1
[51] **Int.Cl. A61C 13/00 (2006.01) C04B 35/486 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A SHAPED BODY**
[54] **PROCEDE DE PRODUCTION D'UN CORPS FORME**
[72] WONDRACZEK, LOTHAR, DE
[72] MULLER, LENKA, DE
[71] DENTSPLY SIRONA INC., US
[71] DEGUDENT GMBH, DE
[85] 2018-06-01
[86] 2016-12-23 (PCT/EP2016/082536)
[87] (WO2017/114777)
[30] DE (10 2015 122 857.2) 2015-12-28

[21] **3,007,142**
[13] A1
[51] **Int.Cl. A23B 4/06 (2006.01) A23L 3/36 (2006.01) F25C 1/00 (2006.01) F25D 3/02 (2006.01)**
[25] EN
[54] **FLAKE ICE PRODUCTION DEVICE, FLAKE ICE PRODUCTION SYSTEM, FLAKE ICE PRODUCTION METHOD, AND MOVING BODY**
[54] **DISPOSITIF DE PRODUCTION DE GLACE EN FLOCONS, SYSTEME DE PRODUCTION DE GLACE EN FLOCONS, PROCEDE DE PRODUCTION DE GLACE EN FLOCONS ET CORPS MOBILE ASSOCIE**
[72] HIROKANE, YOSHIO, JP
[72] AKIYAMA, TOMOAKI, JP
[72] IZUTSU, TADAO, JP
[71] BLANCTEC CO., LTD., JP
[85] 2018-05-11
[86] 2016-11-18 (PCT/JP2016/084321)
[87] (WO2017/086463)
[30] JP (2015-226589) 2015-11-19
[30] JP (2016-041189) 2016-03-03
[30] JP (2016-103012) 2016-05-24
[30] JP (2016-103013) 2016-05-24
[30] JP (2016-103014) 2016-05-24
[30] JP (2016-103637) 2016-05-24
[30] JP (2016-103638) 2016-05-24
[30] JP (2016-103639) 2016-05-24
[30] JP (2016-103640) 2016-05-24
[30] JP (2016-132615) 2016-07-04

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[21] **3,007,144**
[13] A1
[51] **Int.Cl. A01M 1/22 (2006.01)**
[25] EN
[54] **A METHOD AND DEVICE FOR DETECTING INSECT INFESTATION**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'INFESTATION D'INSECTES**
[72] NAYLOR, RICHARD, GB
[71] NAYLOR, RICHARD, GB
[85] 2018-06-01
[86] 2016-12-07 (PCT/GB2016/053851)
[87] (WO2017/098239)
[30] GB (1521690.6) 2015-12-09

---

[21] **3,007,145**
[13] A1
[51] **Int.Cl. D21D 1/02 (2006.01) D21D 1/20 (2006.01)**
[25] EN
[54] **PROCESS TO REDUCE THE OVERALL ENERGY CONSUMPTION IN THE PRODUCTION OF NANOCELLULOSE**
[54] **PROCEDE DE REDUCTION DE LA CONSOMMATION D'ENERGIE GLOBALE DANS LA PRODUCTION DE NANOCELLULOSE**
[72] MOMIN, SASCHI, GB
[72] JANSEN, ADRIANUS JOHANNES ERNST, NL
[71] SAPPI NETHERLANDS SERVICES B.V., NL
[85] 2018-06-01
[86] 2016-12-05 (PCT/EP2016/079775)
[87] (WO2017/093568)
[30] EP (15198088.5) 2015-12-04

---

[21] **3,007,147**
[13] A1
[51] **Int.Cl. A61K 38/39 (2006.01) C07K 14/78 (2006.01)**
[25] EN
[54] **MEANS AND METHODS FOR TREATING AND DIAGNOSING FIBROSIS OR FIBROSIS-ASSOCIATED DISEASES**
[54] **MOYENS ET METHODES DE TRAITEMENT ET DE DIAGNOSTIC DE LA FIBROSE ET DE MALADIES ASSOCIEES A UNE FIBROSE**
[72] ABDOLLAHI, AMIR, DE
[72] JAVAHERIAN, KASHI, US
[72] DEBUS, JURGEN, DE
[72] ZHOU, CHENG, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2018-06-01
[86] 2016-12-05 (PCT/EP2016/079777)
[87] (WO2017/093569)
[30] EP (15197746.9) 2015-12-03

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[21] **3,007,148**
[13] A1
[51] **Int.Cl. C12N 9/42 (2006.01) C11D 3/386 (2006.01)**
[25] EN
[54] **BETA-GLUCANASE VARIANTS AND POLYNUCLEOTIDES ENCODING SAME**
[54] **VARIANTS DE LA BETA-GLUCANASE ET POLYNUCLEOTIDES LES CODANT**
[72] ANDERSEN, CARSTEN, DK
[72] DAMAGER, IBEN, DK
[72] GJERMANSEN, MORTEN, DK
[71] NOVOZYMES A/S, DK
[85] 2018-06-01
[86] 2017-01-27 (PCT/EP2017/051791)
[87] (WO2017/129754)
[30] EP (16153419.3) 2016-01-29

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[21] **3,007,149**
[13] A1
[51] **Int.Cl. A47D 5/00 (2006.01) A45C 9/00 (2006.01) A47B 5/02 (2006.01) A47D 13/00 (2006.01)**
[25] EN
[54] **PORTABLE CHANGING TABLE**
[54] **TABLE A LANGER PORTABLE**
[72] ROBERTS MOOSA, BRENDA LEE, US
[72] MOOSA, MAHNAZ, US
[72] FERRIS, BRUCE SEYMOUR, US
[72] BARNES, CATHERINE P., US
[72] SMITHSON, SUZY, US
[72] BLUMENSTEIN, EIRIKUR, IS
[71] 4DCM, LLC, US
[85] 2018-06-01
[86] 2016-11-21 (PCT/US2016/063062)
[87] (WO2017/095680)
[30] US (62/262,110) 2015-12-02
[30] US (15/356,814) 2016-11-21

[21] **3,007,150**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL PYRROLO[3,2-C]PYRIDINE-6-AMINO DERIVATIVES**
[54] **NOUVEAUX DERIVES DE PYRROLO[3,2-C]PYRIDINE-6-AMINO**
[72] NAUD, SEBASTIEN GASTON ANDRE, GB
[72] BLAGG, JULIAN, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2018-06-01
[86] 2016-12-20 (PCT/GB2016/054003)
[87] (WO2017/109476)
[30] GB (1522532.9) 2015-12-21

[21] **3,007,154**
[13] A1
[51] **Int.Cl. B42D 25/455 (2014.01) B42D 25/46 (2014.01) B42D 25/47 (2014.01)**
[25] EN
[54] **METHOD FOR PRODUCING A SECURITY ELEMENT AND TRANSFER FILM**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE SECURITE ET FILM DE TRANSFERT**
[72] CATHOMEN, ANJA, CH
[72] NEEL, MARJORIE ANNABELLE, CH
[71] OVD KINEGRAM AG, CH
[85] 2018-06-01
[86] 2016-12-13 (PCT/EP2016/080825)
[87] (WO2017/102744)
[30] DE (10 2015 121 849.6) 2015-12-15

[21] **3,007,160**
[13] A1
[51] **Int.Cl. C07C 405/00 (2006.01)**
[25] EN
[54] **PREPARATION OF LATANOPROSTENE BUNOD OF DESIRED, PRE-DEFINED QUALITY BY GRAVITY CHROMATOGRAPHY**
[54] **PREPARATION DE LATANOPROSTENE BUNOD DE QUALITE PREDEFINIE, SOUHAITEE, PAR CHROMATOGRAPHIE PAR GRAVITE**
[72] TAKACS, LASZLO, HU
[72] FEKETE, IBOLYA, HU
[72] BUZDER-LANTOS, PETER, HU
[72] LASZLOFI, ISTVAN, HU
[72] HORTOBAGYI, IREN, HU
[72] HAVASI, GABOR, HU
[72] KARDOS, ZSUZSANNA, HU
[71] CHINOIN GYOGYSZER ES VEGYESZETI TERMEKEK GYARA ZRT., HU
[85] 2018-06-01
[86] 2016-11-11 (PCT/HU2016/000071)
[87] (WO2017/093771)
[30] HU (P15 00594) 2015-12-04

[21] **3,007,161**
[13] A1
[51] **Int.Cl. C07K 14/54 (2006.01) C07K 14/705 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **NOVEL CYTOKINE FUSION PROTEINS**
[54] **NOUVELLES PROTEINES DE FUSION A CYTOKINE**
[72] SAHIN, UGUR, DE
[72] GIESEKE, FRIEDERIKE, DE
[72] KREITER, SEBASTIAN, DE
[72] DIKEN, MUSTAFA, DE
[71] TRON TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITAETSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAET MAINZ GGMBH, DE
[71] BIONTECH RNA PHARMACEUTICALS GMBH, DE
[85] 2018-06-01
[86] 2016-12-16 (PCT/EP2016/081401)
[87] (WO2017/103088)
[30] EP (PCT/EP2015/080299) 2015-12-17

[21] **3,007,163**
[13] A1
[51] **Int.Cl. D06P 5/00 (2006.01) D06P 1/52 (2006.01) D06P 5/30 (2006.01)**
[25] EN
[54] **PROCESS FOR OBTAINING A CLOTH WITH HIGH PERFORMANCES FOR DIGITAL PRINTING AND RELATIVE CLOTH**
[54] **PROCEDE POUR OBTENIR UN TISSU A HAUTES PERFORMANCES POUR UNE IMPRESSION NUMERIQUE ET TISSU ASSOCIE**
[72] BOLOGNA, FRANCO, IT
[71] MANIFATTURA DEL SEVESO S.P.A., IT
[85] 2018-06-01
[86] 2016-12-22 (PCT/EP2016/082328)
[87] (WO2017/114738)
[30] IT (102015000089200) 2015-12-30

[21] **3,007,165**
[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61J 3/07 (2006.01)**
[25] EN
[54] **DEVICE FOR PREPARING GASTRORETENTIVE DOSAGE FORMS**
[54] **DISPOSITIF DE PREPARATION DE FORMES PHARMACEUTIQUES A RETENTION GASTRIQUE**
[72] ZALIT, ILAN, IL
[72] BEN MENACHEM, AVSHALOM, IL
[71] CLEXIO BIOSCIENCES LTD., IL
[85] 2018-06-01
[86] 2016-12-02 (PCT/IB2016/057331)
[87] (WO2017/093976)
[30] EP (15197410.2) 2015-12-02

[21] **3,007,168**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/46 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **1H-IMIDAZO[4,5-B]PYRIDINYL AND 2-OXO-2,3-DIHYDRO-1H-IMIDAZO[4,5-B]PYRIDINYL HETEROCYCLIC BET BROMODOMAIN INHIBITORS**
[54] **INHIBITEURS HETEROCYCLIQUES 1H-IMIDAZO[4,5-B]PYRIDINYLE ET 2-OXO-2,3-DIHYDRO-1H-IMIDAZO[4,5-B]PYRIDINYLE DE PROTEINE A BROMODOMAINES BET**
[72] BROWN, SAMUEL DAVID, US
[72] KHARENKO, OLESYA, CA
[71] ZENITH EPIGENETICS LTD., CA
[85] 2018-06-01
[86] 2016-12-14 (PCT/IB2016/001874)
[87] (WO2017/103670)
[30] US (62/267,051) 2015-12-14

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[21] **3,007,172**
[13] A1
[51] **Int.Cl. B66C 1/00 (2006.01) B66C 1/24 (2006.01) B66C 3/00 (2006.01)**
[25] EN
[54] **BALANCED CANTILEVERED FEEDING APPARATUS**
[54] **APPAREIL D'ALIMENTATION A PORTE-A-FAUX EQUILIBRE**
[72] CARMEL, AVIV, IL
[71] SKY-LINE CRANES & TECHNOLOGIES LTD., IL
[85] 2018-06-01
[86] 2016-11-30 (PCT/IL2016/051282)
[87] (WO2017/094006)
[30] IL (242937) 2015-12-03

---

[21] **3,007,184**
[13] A1
[51] **Int.Cl. G01W 1/02 (2006.01) G06F 17/30 (2006.01) G06K 9/40 (2006.01) G06K 9/60 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **CLOUD DETECTION ON REMOTE SENSING IMAGERY**
[54] **DETECTION DE NUAGES SUR IMAGERIE DE DETECTION A DISTANCE**
[72] GUAN, WEI, US
[72] KHADKA, PRAMITHUS, US
[72] GERARD, JEFFREY, US
[71] THE CLIMATE CORPORATION, US
[85] 2018-06-01
[86] 2016-11-15 (PCT/US2016/061990)
[87] (WO2017/099951)
[30] US (14/960,921) 2015-12-07

---

[21] **3,007,185**
[13] A1
[51] **Int.Cl. H01H 33/59 (2006.01) H01H 9/54 (2006.01)**
[25] EN
[54] **POWER SWITCHING CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE D'INTERRUPTEUR DE PUISSANCE**
[72] MORI, TOMOHITO, JP
[72] YAMAMOTO, AYA, JP
[72] YOSHIDA, DAISUKE, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-06-01
[86] 2015-12-09 (PCT/JP2015/084481)
[87] (WO2017/098594)

---

[21] **3,007,188**
[13] A1
[51] **Int.Cl. C08F 220/14 (2006.01) C08F 220/10 (2006.01) C08F 220/12 (2006.01) C09D 113/02 (2006.01)**
[25] EN
[54] **EMULSION POLYMERS AND LOW VOC COATING COMPOSITIONS MADE THEREFROM**
[54] **POLYMERES EN EMULSION ET COMPOSITIONS DE REVETEMENT A FAIBLE TENEUR EN COMPOSES ORGANIQUES VOLATILS FABRIQUES A PARTIR DE CES POLYMERES**
[72] WU, WENJUN, US
[72] WALLACE, KAREN L., US
[72] STALLINGS, JEANNE L., US
[71] ARKEMA INC., US
[85] 2018-06-01
[86] 2016-11-30 (PCT/US2016/064159)
[87] (WO2017/095888)
[30] US (62/261,958) 2015-12-02

---

[21] **3,007,189**
[13] A1
[51] **Int.Cl. B65D 47/42 (2006.01) A61J 1/05 (2006.01) B05C 17/00 (2006.01)**
[25] EN
[54] **CHEMICAL SOLUTION SUPPLY APPARATUS AND CHEMICAL SOLUTION SUPPLY IMPLEMENT**
[54] **APPAREIL D'ALIMENTATION DE SOLUTION CHIMIQUE ET DISPOSITIF D'ALIMENTATION DE SOLUTION CHIMIQUE**
[72] KOMIYAMA, SATORU, JP
[71] KOBAYASHI PHARMACEUTICAL CO., LTD., JP
[85] 2018-06-01
[86] 2016-12-09 (PCT/JP2016/086782)
[87] (WO2017/099236)
[30] JP (2015-241553) 2015-12-10

[21] **3,007,191**
[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01)**
[25] EN
[54] **PRESSURE-DISTRIBUTING WOUND PREVENTION AND TREATMENT DEVICE**
[54] **DISPOSITIF DE PREVENTION ET DE TRAITEMENT DE PLAIE PAR REPARTITION DE PRESSION**
[72] SQUIRES, RYAN A., US
[72] GANN, JOHN P., US
[72] BLESSING, DAVID C., US
[72] MELLICK, CHRISTOPHER W., US
[71] AVENT, INC., US
[85] 2018-06-01
[86] 2016-03-08 (PCT/US2016/021332)
[87] (WO2017/095460)
[30] US (62/262,973) 2015-12-04

---

[21] **3,007,192**
[13] A1
[51] **Int.Cl. B01D 53/64 (2006.01) B01J 20/04 (2006.01) B01J 20/08 (2006.01) B01J 20/10 (2006.01) B01J 20/16 (2006.01) C10L 10/00 (2006.01)**
[25] EN
[54] **ENZYME TREATMENT OF COAL FOR MERCURY REMEDIATION**
[54] **TRAITEMENT ENZYMATIQUE DE CHARBON POUR LA DEPOLLUTION DU MERCURE**
[72] ABBOTT, MURRAY, US
[71] NOX II, LTD., US
[85] 2018-06-01
[86] 2016-11-30 (PCT/US2016/064172)
[87] (WO2017/095895)
[30] US (62/261,933) 2015-12-02

---

[21] **3,007,194**
[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/168 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **MEDICAL DEVICE DISPOSABLES INFORMATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'INFORMATION DE DISPOSITIFS MEDICAUX JETABLES**
[72] ADAMS, GRANT A., US
[72] BLOOMQUIST, ALISON L., US
[72] HEILMAN, RYAN D., US
[72] WELSCH, MICHAEL D., US
[72] ZALESKY, LARRY R., US
[71] SMITHS MEDICAL ASD, INC., US
[85] 2018-06-01
[86] 2016-12-01 (PCT/US2016/064319)
[87] (WO2017/095982)
[30] US (62/262,112) 2015-12-02

---

[21] **3,007,198**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01)**
[25] EN
[54] **TREATMENT OF RETINAL DEGENERATION USING PROGENITOR CELLS**
[54] **TRAITEMENT DE LA DEGENERESCENCE RETINIENNE A L'AIDE DE CELLULES PROGENITRICES**
[72] HARRIS, IAN, US
[72] CAO, JING, US
[72] DEJNEKA, NADINE SOPHIA, US
[71] JANSSEN BIOTECH, INC., US
[85] 2018-06-01
[86] 2016-12-01 (PCT/US2016/064336)
[87] (WO2017/095991)
[30] US (62/263,463) 2015-12-04

---

[21] **3,007,200**
[13] A1
[51] **Int.Cl. H01Q 25/00 (2006.01) G02B 3/00 (2006.01) H01Q 1/22 (2006.01)**
[25] EN
[54] **SPHERICAL LENS ARRAY BASED MULTI-BEAM ANTENNAE**
[54] **ANTENNES MULTIFAISCEAUX FAISANT APPEL A UN RESEAU DE LENTILLES SPHERIQUES**
[72] MATITSINE, SERGUEI, US
[72] MATYTSINE, LEONID, US
[72] DEMARCO, ANTHONY, US
[71] MATSING INC., US
[85] 2018-06-01
[86] 2016-12-01 (PCT/US2016/064460)
[87] (WO2017/096066)
[30] US (14/958,607) 2015-12-03

---

[21] **3,007,202**
[13] A1
[51] **Int.Cl. A01B 79/00 (2006.01) A01C 21/00 (2006.01) G01N 21/27 (2006.01) G01N 21/33 (2006.01) G01N 21/35 (2014.01) G01N 33/02 (2006.01)**
[25] EN
[54] **FORECASTING FIELD LEVEL CROP YIELD DURING A GROWING SEASON**
[54] **PREVISION DE RENDEMENT DE CULTURE AU NIVEAU DU CHAMP PENDANT UNE SAISON DE CROISSANCE**
[72] XU, LIJUAN, US
[72] XU, YING, US
[71] THE CLIMATE CORPORATION, US
[85] 2018-06-01
[86] 2016-12-01 (PCT/US2016/064468)
[87] (WO2017/096073)
[30] US (14/956,657) 2015-12-02

[21] **3,007,204**
[13] A1
[51] **Int.Cl. G06F 19/00 (2018.01)**
[25] EN
[54] **DEVICES, METHODS, AND COMPUTER MEDIUM TO PROVIDE REAL TIME 3D VISUALIZATION BIO-FEEDBACK**
[54] **DISPOSITIFS, PROCEDES ET SUPPORT INFORMATIQUE POUR FOURNIR UNE BIORETROACTION DE VISUALISATION TRIDIMENSIONNELLE (3D) EN TEMPS REEL**
[72] HORSEMAN, SAMANTHA J., SA
[72] GILLIGAN, LINDA, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-06-01
[86] 2016-12-02 (PCT/US2016/064518)
[87] (WO2017/096102)
[30] US (14/959,269) 2015-12-04

---

[21] **3,007,214**
[13] A1
[51] **Int.Cl. C01B 39/48 (2006.01) B01J 29/70 (2006.01)**
[25] EN
[54] **EMM-28, A NOVEL SYNTHETIC CRYSTALLINE MATERIAL, ITS PREPARATION AND USE**
[54] **EMM-28, NOUVEAU MATERIAU CRISTALLIN SYNTHETIQUE, SA PREPARATION ET SON UTILISATION**
[72] SCHMITT, KIRK D., US
[72] VROMAN, HILDA B., US
[72] BURTON, ALLEN W., US
[72] MARELLA, MICHAEL A., US
[72] MOBAN, ROS, US
[72] WESTON, SIMON C., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-06-01
[86] 2016-11-23 (PCT/US2016/063444)
[87] (WO2017/095705)
[30] US (62/262,950) 2015-12-04

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[21] **2,949,527**
[13] A1
[51] **Int.Cl. A61K 8/64 (2006.01) A61K 8/19 (2006.01) A61K 8/30 (2006.01) A61K 8/92 (2006.01) A61K 8/97 (2017.01) A61Q 5/00 (2006.01)**
[25] EN
[54] **HAIR-CONDITIONING MASK**
[54] **MASQUE CAPILLAIRE CONDITIONNEUR**
[72] ISHMAEL, NADEEZA, CA
[71] NIUCOCO INC., CA
[22] 2016-11-07
[41] 2018-05-07

---

[21] **2,950,070**
[13] A1
[51] **Int.Cl. F16L 3/18 (2006.01)**
[25] EN
[54] **SLIDE BEARING PLATES, PIPE SUPPORT STANDS, AND RELATED METHODS OF USE**
[54] **PLAQUES DE PALIER COULISSANT, SUPPORTS DE TUYAU ET METHODES D'UTILISATION ASSOCIEES**
[72] MAIER, DEAN RUSSELL, CA
[72] LONGMIRE, ANDREW JOHN, CA
[71] SKAALERUD, SHERYL, CA
[71] MAIER, DEAN RUSSELL, CA
[22] 2016-11-30
[41] 2018-05-30

---

[21] **2,950,540**
[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01)**
[25] EN
[54] **LID WITH REMOVABLE BOTTLE OPENER AND BEVERAGE CONTAINER INCLUDING THE LID**
[54] **COUVERCLE DOTE D'UN OUVRE-BOUTEILLE AMOVIBLE ET CONTENANT A BOISSON COMPORTANT LEDIT COUVERCLE**
[72] PAN, DANHONG, CN
[71] POLYCONCEPT NORTH AMERICA, INC., US
[22] 2016-12-02
[41] 2018-06-02

---

[21] **2,984,071**
[13] A1
[51] **Int.Cl. C02F 11/14 (2006.01) B01D 21/00 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING SUSPENSIONS OF SOLID PARTICLES IN WATER**
[54] **METHODE DE TRAITEMENT DE SUSPENSIONS DE PARTICULES SOLIDES DANS L'EAU**
[72] SCHROETER, RUSSEL, AU
[72] ROSALES, PAUL, AU
[72] JOUBERT, DEON, AU
[71] S.P.C.M. SA, FR
[22] 2017-10-27
[41] 2018-04-28
[30] AU (2016250451) 2016-10-28

---

[21] **2,985,233**
[13] A1
[51] **Int.Cl. B01D 46/00 (2006.01) B01J 3/03 (2006.01)**
[25] EN
[54] **DUAL CHAMBER HORIZONTAL VESSEL**
[54] **RECIPIENT HORIZONTAL A DOUBLE CHAMBRE**
[72] NAGGE, RORY, CA
[71] DYNACORP FABRICATORS INC., CA
[22] 2017-11-14
[41] 2018-05-14
[30] US (62/421,570) 2016-11-14

---

[21] **2,985,244**
[13] A1
[51] **Int.Cl. B01D 71/02 (2006.01) B01D 17/00 (2006.01) B01D 69/10 (2006.01)**
[25] EN
[54] **MEMBRANE SEPARATION OF EMULSIONS PRODUCED FROM HYDROCARBON RECOVERY PROCESS**
[54] **SEPARATION MEMBRANAIRE D'EMULSIONS PRODUITES A PARTIR DE PROCEDE DE RECUPERATION D'HYDROCARBURES**
[72] MCKAY, MICHAEL PATRICK, CA
[72] REN, SUCHANG, CA
[72] BANERJEE, SARBAJIT, CA
[72] DENNIS, ROBERT V., CA
[72] O'LOUGHLIN, THOMAS E., CA
[71] FCCL PARTNERSHIP, CA
[22] 2017-11-08
[41] 2018-05-09
[30] US (62/419,803) 2016-11-09

[21] **2,985,298**
[13] A1
[51] **Int.Cl. B65D 88/12 (2006.01) B61D 5/00 (2006.01) B65D 90/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR VISCOUS HYDROCARBON TRANSPORTATION**
[54] **APPAREIL DE TRANSPORT D'HYDROCARBURES VISQUEUX**
[72] GUPTA, SUBODH, CA
[72] HOLMES, MICHAEL N., CA
[72] WOOD, JENNIFER D., CA
[72] BANERJEE, SARBAJIT, CA
[72] DENNIS, ROBERT V., CA
[72] DOUGLAS, LACEY, CA
[72] O'LOUGHLIN, THOMAS E., CA
[71] FCCL PARTNERSHIP, CA
[22] 2017-11-08
[41] 2018-05-09
[30] CA (2,948,169) 2016-11-09

---

[21] **2,985,421**
[13] A1
[51] **Int.Cl. D21H 27/02 (2006.01) B31F 1/07 (2006.01)**
[25] EN
[54] **PAPER PRODUCT HAVING AN IMPROVED HANDFEEL**
[54] **PRODUIT DE PAPIER PRESENTANT UNE SENSATION TEXTILE AMELIOREE**
[72] BHAT, DINESH M., US
[71] GPCP IP HOLDINGS LLC, US
[22] 2017-11-14
[41] 2018-05-14
[30] US (62/421,800) 2016-11-14

---

[21] **2,985,460**
[13] A1
[51] **Int.Cl. B01D 35/02 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **DEBRIS CATCHER**
[54] **ATTRAPPE-DEBRIS**
[72] CHEREWYK, BORIS (BRUCE) P., CA
[71] ISOLATION EQUIPMENT SERVICES, INC., CA
[22] 2017-11-14
[41] 2018-05-15
[30] US (62/422,351) 2016-11-15

---

[21] **2,986,121**
[13] A1
[51] **Int.Cl. B01D 61/30 (2006.01) B01J 20/30 (2006.01)**
[25] EN
[54] **ZIRCONIUM OXIDE MODULE CONDITIONING**
[54] **CONDITIONNEMENT DE MODULE D'OXYDE DE ZIRCONIUM**
[72] HOBOT, CHRISTOPHER M., US
[72] PUDIL, BRYANT J., US
[71] MEDTRONIC, INC., US
[22] 2017-11-20
[41] 2018-05-29
[30] US (62/427,806) 2016-11-29
[30] US (15/798,233) 2017-10-30

---

[21] **2,999,432**
[13] A1
[51] **Int.Cl. E05F 3/10 (2006.01) E05F 3/12 (2006.01)**
[25] EN
[54] **DOOR CLOSER WITH DYNAMICALLY ADJUSTABLE LATCH REGION PARAMETERS AND CALIBRATION MODE**
[54] **DISPOSITIF DE FERMETURE DE PORTE OFFRANT DES PARAMETRES AJUSTABLES DE LA REGION DU VERROU ET MODE D'ETALONNAGE**
[72] BURRIS, CHARLES, US
[72] WHITE, JOHN, US
[72] GURLEY, JASON, US
[72] FAES, STEVEN, US
[72] MCGINTY, JOSEPH, US
[72] PATTERSON, WADE, US
[72] TADLOCK, ROBERT, US
[71] YALE SECURITY INC., US
[22] 2011-04-15
[41] 2011-10-20
[62] 2,796,183
[30] US (12/761,668) 2010-04-16
[30] US (12/761,653) 2010-04-16
[30] US (12/761,609) 2010-04-16
[30] US (12/761,599) 2010-04-16
[30] US (12/761,633) 2010-04-16
[30] US (12/761,589) 2010-04-16

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[21] **3,000,325**
[13] A1
[51] **Int.Cl. H01H 9/02 (2006.01) G01R 1/20 (2006.01) H01H 1/58 (2006.01) H01H 3/02 (2006.01)**
[25] EN
[54] **LEVER ARM FOR A MULTI-POLE TEST SWITCH**
[54] **BRAS DE LEVIER DESTINE A UN INTERRUPTEUR D'ESSAI MULTIPOLAIRE**
[72] BOURGEOIS, JEAN-RAYMOND, CA
[71] BOURGEOIS, JEAN-RAYMOND, CA
[22] 2016-04-11
[41] 2016-10-10
[62] 2,989,641
[30] US (62/145,850) 2015-04-10

---

[21] **3,003,692**
[13] A1
[51] **Int.Cl. F16F 3/10 (2006.01) A43B 13/18 (2006.01) A43B 13/20 (2006.01) A43B 21/26 (2006.01) F16F 1/373 (2006.01)**
[25] EN
[54] **ENERGY STORAGE AND RETURN SPRING**
[54] **RESSORT A STOCKAGE ET RETOUR D'ENERGIE**
[72] KLASSEN, JAMES B., CA
[71] 1158990 B.C. LTD., CA
[22] 2008-05-30
[41] 2009-03-06
[62] 2,633,067
[30] US (60970263) 2007-09-06
[30] US (60992920) 2007-12-06
[30] US (61016555) 2007-12-24
[30] US (61016558) 2007-12-24
[30] US (61024898) 2008-01-30

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **3,004,843**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR CONDUCTING AN ONLINE TRANSACTION TO FULFILL A RAIL-SHIPMENT SERVICE INQUIRY OR A RAIL-SHIPMENT SERVICE ONLINE**
[54] **SYSTEME, APPAREIL ET METHODE DE CONDUITE D'UNE TRANSACTION EN LIGNE DE DEMANDE DE SERVICE D'EXPEDITION OU UN SERVICE EN LIGNE D'EXPEDITION PAR RAIL**
[72] PODGURNY, LEONARD JOHN, CA
[72] ERNESAKS, ANITA, CA
[71] CANADIAN NATIONAL RAILWAY COMPANY, CA
[22] 2002-02-01
[41] 2003-08-01
[62] 2,969,278

---

[21] **3,004,874**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/02 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING A PRICE QUOTATION FOR A TRANSPORTATION SERVICE PROVIDING EQUIPEMENT SELECTION CAPABILITY**
[54] **SYSTEME ET METHODE DE PRESENTATION D'UNE PROPOSITION DE PRIX D'UN SERVICE DE TRANSPORT FOURNISSANT LA CAPACITE DE SELECTION D'EQUIPEMENT**
[72] PODGURNY, LEONARD JOHN, CA
[72] ERNESAKS, ANITA, CA
[71] CANADIAN NATIONAL RAILWAY COMPANY, CA
[22] 2002-02-01
[41] 2003-08-01
[62] 2,969,278

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[21] **3,005,177**
[13] A1
[51] **Int.Cl. B02C 17/02 (2006.01) B03B 9/02 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **ROTARY BREAKING FOR CREATING AN OIL SAND SLURRY**
[54] **FRACTURATION PAR ROTATION SERVANT A CREER UNE BOUE DE SABLE BITUMINEUX**
[72] MARKS, ANITA, CA
[72] WEATHERBEE, GRANT, CA
[72] KENNEDY, HEATHER, CA
[72] WALMSLEY, CHRIS, CA
[71] SUNCOR ENERGY INC., CA
[22] 2008-06-19
[41] 2009-12-19
[62] 2,915,349

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[21] **3,005,841**
[13] A1
[51] **Int.Cl. G01N 33/15 (2006.01) C12Q 1/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **ARTIFICIAL MYCOLIC ACID MEMBRANES**
[54] **MEMBRANES ARTIFICIELLES D'ACIDES MYCOLIQUES**
[72] GUNDLACH, JENS H., US
[72] DERRINGTON, IAN M., US
[72] LANGFORD, KYLE W., US
[71] UNIVERSITY OF WASHINGTON, US
[22] 2011-02-23
[41] 2011-09-01
[62] 2,790,672
[30] US (61/307,441) 2010-02-23
[30] US (61/375,707) 2010-08-20

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[21] **3,005,843**
[13] A1
[51] **Int.Cl. C22B 3/08 (2006.01) C01D 5/00 (2006.01) C01D 5/16 (2006.01) C22B 1/06 (2006.01) C22B 3/20 (2006.01) C22B 26/10 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING LITHIUM-CONTAINING MATERIALS**
[54] **PROCEDES POUR LE TRAITEMENT DE MATERIAUX CONTENANT DU LITHIUM**
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] BOURASSA, GUY, CA
[72] LAROCHE, NICOLAS, CA
[72] PEARSE, GARY, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] GLADKOVAS, MYKOLAS, CA
[72] SYMONS, PETER, US
[72] GENDERS, J. DAVID, US
[72] CLAYTON, GENEVIEVE, CA
[72] BOUCHARD, PIERRE, CA
[71] NEMASKA LITHIUM INC., CA
[22] 2015-02-24
[41] 2015-08-27
[62] 2,964,148
[30] US (61/943,700) 2014-02-24

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[21] **3,006,093**
[13] A1
[51] **Int.Cl. H04N 19/597 (2014.01) H04N 19/159 (2014.01) H04N 19/42 (2014.01) H04N 19/513 (2014.01) H04N 19/587 (2014.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPLEMENTING EFFICIENT DECODED BUFFER MANAGEMENT IN MULTI-VIEW VIDEO CODING**
[54] **SYSTEME ET PROCEDE POUR LA MISE EN OEUVRE D'UNE GESTION EFFICACE DE TAMPONS DECODES LORS D'UN CODAGE VIDEO MULTIVUE**
[72] CHEN, YING, FI
[72] WANG, YE-KUI, FI
[72] HANNUKSELA, MISKA, FI
[71] NOKIA TECHNOLOGIES OY, FI
[22] 2007-10-15
[41] 2008-04-24
[62] 2,858,458
[30] US (60/852223) 2006-10-16

[21] **3,006,098**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) A61K 8/41 (2006.01) A61K 8/42 (2006.01) A61K 8/49 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **SCREENING METHODS OF MODULATING ADRENERGIC RECEPTOR GENE EXPRESSIONS IMPLICATED IN MELANOGENESIS**
[54] **PROCEDES DE CRIBLAGE D'EXPRESSIONS MODULATRICES DU GENE DU RECEPTEUR ADRENERGIQUE IMPLIQUEES DANS LA MELANOGENESE**
[72] LAUGHLIN, LEO TIMOTHY, II, US
[72] HAKOZAKI, TOMOHIRO, US
[72] ZHAO, WENZHU, US
[72] WANG, JIAZHEN, US
[72] BIERMAN, JOHN CRIST, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2011-10-25
[41] 2012-05-10
[62] 2,815,665
[30] US (61/406,338) 2010-10-25

[21] **3,006,109**
[13] A1
[51] **Int.Cl. A61K 47/18 (2017.01) A61K 9/127 (2006.01) A61K 31/4745 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DRUG DELIVERY LIPOSOMES CONTAINING ANIONIC POLYOLS OR ANIONIC SUGARS**
[54] **LIPOSOMES POUR L'ADMINISTRATION DE DROGUES CONTENANT DES POLYOLS ANIONIQUES OU DES SUCRES ANIONIQUES**
[72] HONG, KEELUNG, US
[72] DRUMMOND, DARYL C., US
[72] KIRPOTIN, DMITRI B., US
[71] IPSEN BIOPHARM LTD., GB
[22] 2005-05-02
[41] 2005-11-17
[62] 2,928,387
[30] US (60/567,921) 2004-05-03

[21] **3,006,116**
[13] A1
[51] **Int.Cl. C12N 15/53 (2006.01) A01H 5/00 (2018.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **NUCLEIC ACIDS WHICH ENCODE DELTA9-ELONGASES, DELTA8-DESATURASES AND DELTA5-DESATURASES, USES AND PROCESSES THEREOF**
[54] **ACIDES NUCLEIQUES ENCODANT DES ELONGASES DELTA-9, DES DESATURASES DELTA-8 ET DES DESATURASES DELTA-5, UTILISATIONS ET PROCEDES DE CEUX-CI**
[72] NAPIER, JOHNATHAN, GB
[72] SAYANOVA, OLGA, GB
[72] VENEGAS CALERON, MONICA, GB
[71] BASF PLANT SCIENCE GMBH, DE
[22] 2007-02-13
[41] 2007-08-23
[62] 2,641,425
[30] GB (0603160.3) 2006-02-16

[21] **3,006,126**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A01H 6/14 (2018.01) C12Q 1/6895 (2018.01) A01H 1/00 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) C12N 9/10 (2006.01) C12N 15/54 (2006.01) C12N 15/82 (2006.01) C12N 9/88 (2006.01) C12N 15/60 (2006.01)**
[25] EN
[54] **HERBICIDE-RESISTANT SUNFLOWER PLANTS, POLYNUCLEOTIDES ENCODING HERBICIDE-RESISTANT ACETOHYDROXY ACID SYNTHASE LARGE SUBUNIT PROTEINS, AND METHODS OF USE**
[54] **PLANTS DE TOURNESOL RESISTANT AUX HERBICIDES, POLYNUCLEOTIDES CODANT POUR DES PROTEINES A LARGE SOUS-UNITE D'ACETOHYDROXY ACIDE SYNTHASE RESISANT AUX HERBICIDES, ET METHODES D'UTILISATION**
[72] SALA, CARLOS ALBERTO, AR
[72] ECHARTE, ADRIANA MARIEL, AR
[72] BULOS, MARIANO, AR
[72] WHITT, SHERRY R., US
[72] ASCENZI, ROBERT, US
[71] BASF SE, DE
[71] NIDERA S.A., BR
[22] 2006-06-29
[41] 2007-01-11
[62] 2,613,087
[30] US (60/695,952) 2005-07-01

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **3,006,139**
[13] A1
[51] **Int.Cl. C07D 417/06 (2006.01) A61K 31/4178 (2006.01) A61K 31/427 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01) C07D 405/06 (2006.01)**
[25] EN
[54] **COMPOUND AND PHARMACEUTICAL COMPOSITION FOR NEUROPSYCHOLOGICAL DISORDER OR MALIGNANT TUMOR**
[54] **UTILISATION D'UN COMPOSE ET D'UNE COMPOSITION PHARMACEUTIQUE POUR UN TROUBLE NEUROPSYCHOLOGIQUE OU UNE TUMEUR MALIGNE**
[72] SUMIDA, YUTO, JP
[72] HAGIWARA, MASATOSHI, JP
[72] ONOGI, HIROSHI, JP
[72] KII, ISAO, JP
[72] HOSOYA, TAKAMITSU, JP
[72] SUMIDA, YUTO, JP
[71] KYOTO UNIVERSITY, JP
[71] NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY, JP
[71] KINOPHARMA, INC., JP
[22] 2013-07-30
[41] 2014-02-06
[62] 2,880,487
[30] JP (2012-168850) 2012-07-30

---

[21] **3,006,166**
[13] A1
[51] **Int.Cl. B62D 35/02 (2006.01) B60P 3/00 (2006.01) B62D 37/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR REDUCING VEHICLE DRAG**
[54] **DISPOSITIFS ET PROCEDES POUR REDUIRE LA TRAINEE D'UN VEHICULE**
[72] HENDERSON, MICHAEL LORENZO, US
[72] WULFF, STEPHEN ALFRED, US
[71] SMARTTRUCK SYSTEMS, LLC, US
[22] 2011-05-04
[41] 2011-11-10
[62] 2,798,612
[30] US (12/775,095) 2010-05-06

---

[21] **3,006,186**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/573 (2006.01)**
[25] EN
[54] **METHOD OF DETECTION OF ANALYTE ACTIVE FORMS AND DETERMINATION OF THE ABILITY OF SUBSTANCES TO BIND INTO ANALYTE ACTIVE SITES**
[54] **PROCEDE DE DETECTION DE FORMES ACTIVES D'ANALYTE ET DE DETERMINATION DE LA CAPACITE DE SUBSTANCES A SE LIER DANS DES SITES ACTIFS D'ANALYTE**
[72] NAVRATIL, VACLAV, CZ
[72] SACHA, PAVEL, CZ
[72] SCHIMER, JIRI, CZ
[72] KONVALINKA, JAN, CZ
[72] MAJER, PAVEL, CZ
[71] USTAV ORGANICKE CHEMIE A BIOCHEMIE AKADEMIE VED CR, V.V.I., CZ
[22] 2015-08-04
[41] 2016-02-11
[62] 2,957,286
[30] CZ (PV 2014-527) 2014-08-05

---

[21] **3,006,188**
[13] A1
[51] **Int.Cl. A61K 9/72 (2006.01) A61K 31/192 (2006.01) A61K 31/465 (2006.01) A61M 15/06 (2006.01) A61P 25/34 (2006.01)**
[25] EN
[54] **NICOTINE SALT WITH META-SALICYLIC ACID**
[54] **SEL DE NICOTINE AVEC DE L'ACIDE META-SALICYLIQUE**
[72] MYERS, DANIEL J., US
[72] CASSELLA, JAMES, US
[71] ALEXZA PHARMACEUTICALS, INC., US
[22] 2014-07-11
[41] 2015-01-15
[62] 2,918,145
[30] US (61/845,333) 2013-07-11
[30] US (62/020,766) 2014-07-03

---

[21] **3,006,215**
[13] A1
[51] **Int.Cl. E21B 19/06 (2006.01) B66C 1/42 (2006.01) E21B 19/02 (2006.01)**
[25] EN
[54] **COATING SYSTEM FOR TUBULAR GRIPPING COMPONENTS**
[54] **SYSTEME DE REVETEMENT POUR COMPOSANTS DE PREHENSION TUBULAIRES**
[72] DOMEC, BRENNAN S., US
[72] ANGELLE, JEREMY RICHARD, US
[71] FRANK'S INTERNATIONAL, LLC, US
[22] 2014-05-30
[41] 2014-12-04
[62] 2,912,868
[30] US (61/829,029) 2013-05-30
[30] US (61/835,976) 2013-06-17
[30] US (61/856,420) 2013-07-19

---

[21] **3,006,218**
[13] A1
[51] **Int.Cl. A61M 5/31 (2006.01) A61M 5/315 (2006.01) A61B 90/94 (2016.01)**
[25] EN
[54] **SAFETY SYRINGE AND SAFETY DOSE COMBINATION KIT**
[54] **KIT COMBINANT SERINGUE DE SECURITE ET DOSE DE SECURITE**
[72] CREATURO, MICHAEL A., US
[71] CREATURO, MICHAEL A., US
[22] 2013-01-24
[41] 2013-08-29
[62] 2,862,633
[30] US (61/591,683) 2012-01-27

[21] **3,006,222**
[13] A1
[51] **Int.Cl. G11B 7/00 (2006.01)**
[25] FR
[54] **METHOD FOR WRITING AND READING DATA BY FLUORESCENCE ON A LIGHT-SENSITIVE SUBSTRATE, AND RELATED SUBSTRATE AND DEVICES**
[54] **PROCEDES D'ECRITURE ET DE LECTURE DE DONNEES PAR FLUORESCENCE SUR UN SUPPORT PHOTOSENSIBLE, SUPPORT ET DISPOSITIFS ASSOCIES**
[72] CANIONI, LIONEL STEPHANE, FR
[72] CARDINAL, THIERRY, FR
[72] BOUSQUET, BRUNO, FR
[72] ROYON, ARNAUD, FR
[72] BELLEC, MATTHIEU, FR
[72] BOURHIS, KEVIN, FR
[72] PAPON, GAUTIER, FR
[72] LEGROS, PHILIPPE, FR
[71] UNIVERSITE BORDEAUX 1, FR
[22] 2011-05-27
[41] 2011-12-01
[62] 2,800,077
[30] FR (10/54177) 2010-05-28

[21] **3,006,231**
[13] A1
[51] **Int.Cl. G01N 35/00 (2006.01) C12M 1/00 (2006.01) C12Q 1/00 (2006.01) G01N 33/48 (2006.01) G01N 33/543 (2006.01)**
[25] EN
[54] **ASSAY MODULES HAVING ASSAY REAGENTS AND METHODS OF MAKING AND USING SAME**
[54] **MODULES D'ESSAIS A REACTIFS D'ESSAIS ET LEURS PROCEDES DE PREPARATION ET D'EMPLOI**
[72] GLEZER, ELI N., US
[72] DEBAD, JEFF D., US
[72] JEFFREY-COKER, BANDELE, US
[72] KUMAR, SUDEEP M., US
[72] SIGAL, GEORGE, US
[72] SPIELES, GISBERT, US
[72] TSIONKSY, MICHAEL, US
[72] WARNOCK, MICHAEL, US
[71] MESO SCALE TECHNOLOGIES, LLC, US
[22] 2006-12-21
[41] 2007-07-05
[62] 2,820,483
[30] US (60/752,513) 2005-12-21
[30] US (60/752,745) 2005-12-21
[30] US (11/642,970) 2006-12-21
[30] CA (2,634,522) 2006-12-21

[21] **3,006,272**
[13] A1
[51] **Int.Cl. C10J 3/00 (2006.01) F23G 5/027 (2006.01) F23G 5/46 (2006.01) F23L 1/00 (2006.01) F27D 7/02 (2006.01)**
[25] EN
[54] **GASIFICATION FURNACE, GASIFICATION SYSTEM, REFORMER AND REFORMING SYSTEM**
[54] **FOUR ET SYSTEME DE GAZEIFICATION ET DISPOSITIF ET SYSTEME DE REFORMAGE**
[72] MATSUSHITA, YASUHARU, JP
[71] ZE ENERGY INC., JP
[71] MATSUSHITA, YASUHARU, JP
[71] MATSUSHITA, KOHEI, JP
[22] 2011-11-07
[41] 2012-05-18
[62] 2,817,375
[30] JP (2010-249640) 2010-11-08
[30] JP (2010-249639) 2010-11-08

[21] **3,006,275**
[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) G16H 20/17 (2018.01) G16H 40/63 (2018.01) A61M 5/172 (2006.01)**
[25] EN
[54] **CLOSED-LOOP GLUCOSE AND/OR INSULIN CONTROL SYSTEM**
[54] **SYSTEME DE REGULATION DE GLUCOSE ET/OU D'INSULINE EN BOUCLE FERMEE**
[72] CANTWELL,MARTIN, US
[72] CLARK, BUD H., US
[72] STEIL, GARRY M., US
[71] MEDTRONIC MINIMED, INC., US
[22] 2010-06-17
[41] 2010-12-23
[62] 2,761,647
[30] US (12/486708) 2009-06-17

[21] **3,006,306**
[13] A1
[51] **Int.Cl. H04B 7/0456 (2017.01) H04B 7/0417 (2017.01) H04B 7/0452 (2017.01) H04L 25/03 (2006.01)**
[25] EN
[54] **PRECODING MATRIX INDICATOR FEEDBACK METHOD, RECEIVE END, AND TRANSMIT END**
[54] **PROCEDE DE RETOUR D'INFORMATION SUR UN INDICATEUR DE MATRICE DE PRECODAGE, EXTREMITE RECEPTRICE ET EXTREMITE EMETTRICE**
[72] ZHANG, LEIMING, CN
[72] WU, QIANG, CN
[72] LIU, JIANGHUA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[22] 2013-06-05
[41] 2014-11-06
[62] 2,910,459
[30] CN (PCT/CN2013/074992) 2013-04-28

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **3,006,329**
[13] A1
[51] **Int.Cl. A61L 27/56 (2006.01) A61F 2/34 (2006.01) A61L 27/18 (2006.01) A61L 27/40 (2006.01) A61L 27/54 (2006.01) C08J 9/26 (2006.01)**
[25] EN
[54] **PROSTHESIS**
[54] **PROTHESE**
[72] TAYLOR, ANDREW CLIVE, GB
[71] FINSBURY (DEVELOPMENT) LIMITED, GB
[22] 2011-02-03
[41] 2011-08-11
[62] 2,786,633
[30] GB (1001830.7) 2010-02-04

---

[21] **3,006,332**
[13] A1
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/4184 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **2-((R)-2-METHYLPYRROLIDIN-2-YL)-1H-BENZIMIDAZOLE-4-CARBOXAMIDE CRYSTALLINE FORM 1**
[54] **FORME CRISTALLINE 1 DU 2-((R)-2-METHYLPYRROLIDIN-2-YL)-1H-BENZIMIDAZOLE-4-CARBOXAMIDE**
[72] KOLACZKOWSKI, LAWRENCE, US
[71] ABBVIE IRELAND UNLIMITED COMPANY, BM
[22] 2008-10-10
[41] 2009-04-16
[62] 2,696,424
[30] US (60/979,643) 2007-10-12

---

[21] **3,006,347**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01) C12Q 1/6844 (2018.01) C12Q 1/6851 (2018.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01) C12Q 1/70 (2006.01) G01N 1/44 (2006.01) G01N 33/48 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR DETERMINING VALUES INDICATIVE OF THE PRESENCE AND/OR AMOUNT OF NUCLEIC ACIDS**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT DE DETERMINER DES VALEURS INDIQUANT LA PRESENCE OU LA QUANTITE D'ACIDES NUCLEIQUES**
[72] ERMANTRAUT, EUGEN, DE
[72] KAISER, THOMAS, DE
[72] SCHULZ, TORSTEN, DE
[72] STEINMETZER, KATRIN, DE
[72] ULLRICH, THOMAS, DE
[71] CLONDIAG GMBH, DE
[22] 2008-07-23
[41] 2009-01-29
[62] 2,722,242
[30] US (60/951358) 2007-07-23

---

[21] **3,006,367**
[13] A1
[51] **Int.Cl. A61K 35/545 (2015.01)**
[25] EN
[54] **WNT PATHWAY STIMULATION IN REPROGRAMMING SOMATIC CELLS**
[54] **STIMULATION DE LA VOIE WNT DANS LA REPROGRAMMATION DE CELLULES SOMATIQUES**
[72] CHEVALIER, BRETT, US
[72] MARSON, ALEXANDER, US
[72] YOUNG, RICHARD A., US
[72] FOREMAN, RUTH, US
[72] JAENISCH, RUDOLF, US
[71] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US
[22] 2008-08-29
[41] 2009-03-12
[62] 2,698,091
[30] US (60/967,028) 2007-08-31
[30] US (61/188,190) 2008-08-06

---

[21] **3,006,391**
[13] A1
[51] **Int.Cl. A63G 7/00 (2006.01) A63G 1/34 (2006.01) E01B 5/02 (2006.01) E01B 5/14 (2006.01)**
[25] EN
[54] **IMPROVED ROLLING VEHICLE TRACK**
[54] **VOIE DE ROULEMENT DE MANEGE AMELIOREE**
[72] GRUBB, FRED, US
[72] SCHILKE, ALAN, US
[72] BACHTAR, DODY, US
[71] ROCKY MOUNTAIN COASTERS, INC., US
[22] 2010-09-13
[41] 2011-03-17
[62] 2,777,767
[30] US (61/241,785) 2009-09-11
[30] US (12/881,142) 2010-09-13

---

[21] **3,006,395**
[13] A1
[51] **Int.Cl. C07C 215/14 (2006.01) A61K 9/107 (2006.01) A61K 9/127 (2006.01) A61K 9/14 (2006.01) A61K 47/18 (2017.01) C07C 217/28 (2006.01) A61K 31/7088 (2006.01)**
[25] EN
[54] **AMINOALCOHOL LIPIDOIDS AND USES THEREOF**
[54] **LIPIDOIDES AMINOALCOOL ET LEURS UTILISATIONS**
[72] MAHON, KERRY PETER, US
[72] LOVE, KEVIN THOMAS, US
[72] LEVINS, CHRISTOPHER G., US
[72] WHITEHEAD, KATHRYN ANN, US
[72] LANGER, ROBERT S., US
[72] ANDERSON, DANIEL GRIFFITH, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[22] 2009-11-06
[41] 2010-05-14
[62] 2,742,954
[30] US (61/112.414) 2008-11-07
[30] US (61/166.518) 2009-04-03

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

[21] **3,006,404**
[13] A1
[51] **Int.Cl. G01D 5/02 (2006.01)**
[25] EN
[54] **IMPROVED CASE FOR A VIBRATING METER**
[54] **BOITIER AMELIORE DESTINE A UN COMPTEUR VIBRANT**
[72] FENG, XIANG, CN
[72] LIU, MUYUAN, CN
[72] CRISFIELD, MATTHEW T., US
[72] YE, YANG, CN
[71] MICRO MOTION, INC., US
[22] 2012-12-17
[41] 2014-06-26
[62] 2,893,967

---

[21] **3,006,428**
[13] A1
[51] **Int.Cl. C12Q 1/6886 (2018.01) C12Q 1/6809 (2018.01) C12Q 1/6837 (2018.01) C40B 40/06 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **GENE EXPRESSION MARKERS OF TUMOR RESISTANCE TO HER2 INHIBITOR TREATMENT**
[54] **MARQUEURS D'EXPRESSION DE GENE DE RESISTANCE TUMORALE A UN TRAITEME R INHIBITEUR HER2**
[72] LEE-HOEFLICH, SI TUEN, US
[72] STERN, HOWARD, US
[71] GENENTECH, INC., US
[22] 2008-06-04
[41] 2008-12-18
[62] 2,917,355
[30] US (60/942,906) 2007-06-08

---

[21] **3,006,479**
[13] A1
[51] **Int.Cl. G03G 15/00 (2006.01) G03G 21/18 (2006.01)**
[25] EN
[54] **ROTATIONAL FORCE TRANSMITTING PART**
[54] **PARTIE DE TRANSMISSION DE FORCE DE ROTATION**
[72] UENO, TAKAHITO, JP
[72] MIYABE, SHIGEO, JP
[72] MORIOKA, MASANARI, JP
[72] HISANO, MASATO, JP
[71] CANON KABUSHIKI KAISHA, JP
[22] 2007-12-25
[41] 2008-07-10
[62] 2,883,912
[30] JP (2006-346191) 2006-12-22
[30] JP (2007-042666) 2007-02-22
[30] JP (2007-330304) 2007-12-21

---

[21] **3,006,480**
[13] A1
[51] **Int.Cl. B60K 28/06 (2006.01)**
[25] EN
[54] **DIAGNOSTIC PORT INTOXICATION VEHICLE IMMOBILIZATION**
[54] **IMMOBILISATION D'UN VEHICULE AU MOYEN D'UN ORIFICE DE DIAGNOSTIC D'INTOXICATION**
[72] DEVRIES, DOUGLAS EDWARD, US
[72] KELLER, KERRY L., US
[72] MCGRATH, TIMOTHY J., US
[71] CONSUMER SAFETY TECHNOLOGY, LLC, US
[22] 2016-08-08
[41] 2017-04-13
[62] 2,938,407
[30] US (15/223894) 2016-07-29
[30] US (62/240978) 2015-10-13
[30] US (62/266279) 2015-12-11
[30] US (62/306177) 2016-03-10

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[21] **3,006,511**
[13] A1
[51] **Int.Cl. A47K 3/00 (2006.01)**
[25] EN
[54] **BATHTUB WITH DOOR AND DRAIN**
[54] **BAIGNOIRE DOTEE DE PORTE ET DE PURGE**
[72] ROCHETTE, JEAN, CA
[72] MARCHAND, ALEXANDRE, CA
[72] VEILLEUX, MARC, CA
[72] BEAUPRE, LUC, CA
[72] DESLAURIERS, ALAIN, CA
[72] CHARBONNEAU, PATRICK, CA
[71] LES PRODUITS NEPTUNE INC., CA
[22] 2017-05-30
[41] 2017-12-07
[62] 3,001,737
[30] US (62/343,241) 2016-05-31

---

[21] **3,006,585**
[13] A1
[51] **Int.Cl. G01D 5/02 (2006.01)**
[25] EN
[54] **IMPROVED CASE FOR A VIBRATING METER**
[54] **BOITIER AMELIORE DESTINE A UN COMPTEUR VIBRANT**
[72] FENG, XIANG, CN
[72] LIU, MUYUAN, CN
[72] YE, YANG, CN
[72] CRISFIELD, MATTHEW T., US
[71] MICRO MOTION, INC., US
[22] 2012-12-17
[41] 2014-06-26
[62] 2,893,967

---

[21] **3,006,591**
[13] A1
[51] **Int.Cl. A61B 50/30 (2016.01) A61B 50/36 (2016.01) A61M 5/32 (2006.01) B65D 83/02 (2006.01)**
[25] EN
[54] **NEEDLE DISPENSING AND STORING APPARATUS FOR MEDICAMENT DELIVERY DEVICE**
[54] **DISPOSITIF DE STOCKAGE ET DE DISTRIBUTION D'AIGUILLES POUR DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS**
[72] SPOOL, IRA, US
[72] CONSTANTINEAU, COLE, US
[72] SCHOONMAKER, RYAN, US
[72] SULLIVAN, SEAN P., US
[72] RAJ, ABHIJITSINH S., US
[72] BRUEHWILER, MICHEL, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2011-08-09
[41] 2012-02-16
[62] 2,748,209
[30] US (61/344,536) 2010-08-16
[30] US (61/344,539) 2010-08-16
[30] US (13/204,632) 2011-08-05

[21] **3,006,687**
[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0735 (2010.01) C12Q 1/6809 (2018.01) A61K 35/30 (2015.01) A61P 27/02 (2006.01)**
[25] EN
[54] **IMPROVED METHODS OF PRODUCING RPE CELLS AND COMPOSITIONS OF RPE CELLS**
[54] **PROCEDES AMELIORES POUR LA PRODUCTION DE CELLULES RPE ET DE COMPOSITIONS DE CELLULES RPE**
[72] MALCUIT, CHRISTOPHER, US
[72] LEMIEUX, LINDA, US
[72] HOLMES, WILLIAM, US
[72] HUERTAS, PEDRO, US
[72] VILNER, LUCY, US
[71] ASTELLAS INSTITUTE FOR REGENERATIVE MEDICINE, US
[22] 2008-10-10
[41] 2009-04-23
[62] 2,702,386
[30] US (60/998,668) 2007-10-12
[30] US (60/998,766) 2007-10-12
[30] US (61/009,911) 2008-01-02
[30] US (61/009,908) 2008-01-02

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[21] **3,006,703**
[13] A1
[51] **Int.Cl. E21B 19/22 (2006.01) E21B 33/043 (2006.01) E21B 43/01 (2006.01)**
[25] EN
[54] **SUBSEA SLANTED WELLHEAD SYSTEM AND BOP SYSTEM WITH DUAL INJECTOR HEAD UNITS**
[54] **SYSTEME DE TETE DE PUITS INCLINEE SOUS-MARINE ET SYSTEME BOP A DEUX UNITES DE TETE D'INJECTION**
[72] HANSEN, HENNING, ES
[71] AARBAKKE INNOVATION A.S., NO
[22] 2015-11-10
[41] 2016-05-26
[62] 2,967,933
[30] US (62,081,195) 2014-11-18

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[21] **3,006,728**
[13] A1
[51] **Int.Cl. H02M 7/04 (2006.01) H02J 50/12 (2016.01) H02M 5/42 (2006.01)**
[25] EN
[54] **CURRENT TRANSFORMER DEVICE UNIT AND MAGNETIC INDUCTION POWER SUPPLYING DEVICE FOR LINEARLY CONTROLLING OUTPUT POWER BY USING THE SAME**
[54] **MODULE DE DISPOSITIF TRANSFORMATEUR DE COURANT ET DISPOSITIF D'ALIMENTATION PAR INDUCTION MAGNETIQUE DE PUISSANCE DE SORTIE DE COMMANDE LINEAIRE AU MOYEN DUDIT MODULE**
[72] KOO, JA-IL, US
[71] FERRARISPOWER CO., LTD., KR
[22] 2014-11-19
[41] 2015-09-11
[62] 2,941,529
[30] KR (10-2014-0025317) 2014-03-04

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[21] **3,006,733**
[13] A1
[51] **Int.Cl. G06F 21/12 (2013.01) G06F 21/44 (2013.01) G06F 21/64 (2013.01) G06F 9/44 (2018.01)**
[25] EN
[54] **SOFTWARE CODE SIGNING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SIGNATURE PAR CODE**
[72] YACH, DAVID P., CA
[72] BROWN, MICHAEL S., CA
[72] LITTLE, HERBERT A., CA
[71] BLACKBERRY LIMITED, CA
[22] 2001-09-20
[41] 2002-03-28
[62] 2,923,740
[30] US (60/234,152) 2000-09-21
[30] US (60/235,354) 2000-09-26
[30] US (60/270,663) 2001-02-20

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[21] **3,006,800**
[13] A1
[51] **Int.Cl. C12N 15/85 (2006.01) C12N 15/113 (2010.01) A01K 67/027 (2006.01) C07K 16/00 (2006.01) C07K 16/46 (2006.01) C12N 5/10 (2006.01) C12N 15/11 (2006.01) C12N 15/13 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **GENETIC ENGINEERING OF NON-HUMAN ANIMALS FOR THE PRODUCTION OF CHIMERIC ANTIBODIES**
[54] **GENIE GENETIQUE SUR DES ANIMAUX NON HUMAINS POUR LA PRODUCTION D'ANTICORPS CHIMERIQUES**
[72] GREEN, LARRY, US
[72] SHIZUYA, HIROAKI, US
[71] ABLEXIS, LLC, US
[22] 2011-03-31
[41] 2011-10-06
[62] 2,787,498
[30] US (61/319,690) 2010-03-31
[30] US (61/361,302) 2010-07-02

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[21] **3,006,804**
[13] A1
[51] **Int.Cl. H04W 12/02 (2009.01) H04W 12/06 (2009.01)**
[25] EN
[54] **SECURITY INTERFACE FOR A MOBILE DEVICE**
[54] **INTERFACE DE SECURITE POUR DISPOSITIF MOBILE**
[72] PATHIYAL, KRISHNA K., CA
[71] BLACKBERRY LIMITED, CA
[22] 2002-12-23
[41] 2003-06-26
[62] 2,414,964
[30] US (60/342,135) 2001-12-26

[21] **3,006,841**
[13] A1
[51] **Int.Cl. G09G 5/02 (2006.01) G09G 3/36 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD OF IMPROVING THE PERCEPTUAL LUMINANCE NONLINEARITY - BASED IMAGE DATA EXCHANGE ACROSS DIFFERENT DISPLAY CAPABILITIES**
[54] **DISPOSITIF ET PROCEDE DESTINES A AMELIORER UN ECHANGE DE DONNEES D'IMAGES BASE SUR UNE NON-LINEARITE DE LUMINANCE PERCEPTUELLE A TRAVERS DIFFERENTES CAPACITES D'AFFICHAGE**
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[72] DALY, SCOTT, US
[72] NEZAMABADI, MAHDI, US
[72] ATKINS, ROBIN, US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[22] 2012-12-06
[41] 2013-06-13
[62] 2,933,940
[30] US (61/567579) 2011-12-06
[30] US (61/674503) 2012-07-23
[30] US (61/703449) 2012-09-20

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BARNES, W. PRESTON 3,007,127
BARR, SIMON 3,007,138
BARREAU, SEBASTIEN 3,006,499
BARRY, TERRENCE P. 3,006,259
BARTGES, HARRY R. 3,006,613
BARTLETT, JOHN M.S. 3,007,118
BARTON, JUSTIN EDWIN 3,006,978
BASF 3,006,736
BASF AGRO B.V. 3,006,946
BASF COATINGS GMBH 3,006,340
BASF PLANT SCIENCE COMPANY GMBH 3,006,474
BASF SE 3,006,593
BASF SE 3,006,791
BASF SE 3,006,838
BASF SE 3,006,843
BASU, SUJIT 3,006,998
BATTAL, TURGUT 3,006,787
BAUMANN, ROBERT 3,006,791
BAY WORX LABORATORIES, LLC 3,006,768
BAYANI, JANE 3,007,118
BAYAT, ARDESHIR 3,007,138
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 3,007,037
BEACH, JACK 3,006,483
BEAR, CLAYTON 3,006,536
BECKER, NEIL M. 3,006,727
BECKER, NORBERT 3,006,961
BECKER, STEPHEN 3,006,740
BECQUART, ARTHUR 3,006,883
BEDNAR, DAVID 3,006,388
BEER, MARTIN 3,006,921
BEHNKEN, SWANTJE 3,006,679
BEIJING KINGSOFT OFFICE SOFTWARE, INC. 3,006,001
BEJI, SLAHEDDINE 3,006,379
BEL AIBA, RACHIDA SIHAM 3,006,914
BELDEN CANADA INC. 3,006,883
BELDEN CANADA INC. 3,006,885
BELGRADER, PHILLIP 3,007,019
BELLEMARE-DAVIS, ALEXANDER 3,006,601
BELMAN, PIERRE 3,006,887
BELMAN, PIERRE 3,006,889
BEN MENACHEM, AVSHALOM 3,006,999
BEN MENACHEM, AVSHALOM 3,007,165
BEN YAKAR, RUTH 3,007,058
BENBANASTE, VIKTOR 3,006,386
BENJDIA, ALHOSNA 3,006,403
BENNER, KEVIN JEFFREY 3,007,011
BENSEN, ROBERT JOHN 3,007,016
BENTE, PAUL F., IV 3,007,045
BERGMAN, KEREN 3,006,971
BERNAUER, DOMINIQUE 3,007,068
BERNETT, MATTHEW J. 3,006,052
BERTEAU, OLIVIER 3,006,403
BES, BERNARD 3,006,871
BESSANT, MICHEL 3,006,602
BESTE, GERALD 3,006,398
BESTLE, NIKOLAJ HEIBERG 3,006,637
BEURSKENS, FRANK 3,007,031
BEVENSEE, BRENDAN ELWOOD 3,006,518
BEVENSEE, BRENDAN ELWOOD 3,006,528
BEVENSEE, BRENDAN ELWOOD 3,006,553
BEVENSEE, BRENDAN, ELWOOD 3,006,523
BEWICK, LINDSAY SUZANNE 3,006,598
BHOGLE, AMRUT SHRIDHAR 3,006,917
BIDARD-MICHELOT, FREDERIQUE 3,006,913
BIDLINGMAIER, SCOTT 3,006,759
BIEGGER, PHILIPP 3,007,100
BIENERT, CHRISTIAN 3,005,352
BIGOT, AURELIEN 3,006,911
BIGRAS, ANDRE E. 3,006,500
BILSTEIN, ANDREAS 3,007,131
BIO-BEAN LIMITED 3,007,137
BIO-MEDICAL ENGINEERING (HK) LIMITED 3,006,524
BIOCORP PRODUCTION 3,006,648
BIONTECH RNA PHARMACEUTICALS GMBH 3,007,161
BIOSIGHT LTD. 3,007,058
BIOSIGHT LTD. 3,007,065
BIOTECNOLOGICA EMPRESARIAL DEL SUR SPA 3,005,948
BISCHOF, TIMO 3,006,647
BITOP AG 3,007,131
BJERKETORP, JOAKIM 3,006,866
BJORN, BOKER 3,006,382
BJORN, BOKER 3,006,671
BLACHIER, CHRISTIAN 3,007,040
BLACK GOLD COIN, INC. 3,006,587
BLACKBERRY LIMITED 3,007,005
BLACKWELL, CHRISTOPHER J. 3,006,468
BLAGG, JULIAN 3,007,150
BLAHA, ERNST 3,006,633
BLANCTEC CO., LTD. 3,007,142
BLAZER, BRADLEY JEROME 3,006,749
BLESSING, DAVID C. 3,007,191
BLICHER, THOMAS HOLBERG 3,006,607
BLOOMQUIST, ALISON L. 3,007,194
BLUMENSTEIN, EIRIKUR 3,007,149
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 3,006,769
BOAZ, BURNS 3,006,868
BOCKENSTEDT, KEVIN 3,006,574
BODIS, JOZSEF 3,006,360
BOGNAR, ZOLTAN 3,006,360
BOGORAD, ROMAN, LVOVITCH 3,006,618
BOIRE, ADRIENNE 3,006,851
BOITOUZET, TIMOTHEE 3,006,341
BOLOGNA, FRANCO 3,007,163
BOND UNIVERSITY LTD 3,007,107
BONNEFOY, NICOLAS 3,006,402
BONVINI, EZIO 3,006,462
BOON, ANDRIES QUIRIN MARIA 3,007,091
BOOTH, JAMES 3,007,067
BORDE, XAVIER 3,006,337
BORSARI GIAMPIERO 3,006,440
BOSAKOVA, MICHAELA 3,006,388
BOSCHEINEN, OLIVER 3,006,689
BOST, PASCAL 3,007,041
BOSTON SCIENTIFIC SCIMED, INC. 3,007,009
BOUSQUET, CHRISTOPHE 3,006,642
BOUTIQUE, JEAN-POL 3,006,853
BOUTROS, PAUL C. 3,007,118
BOZIK, OLIVIA H. 3,006,493
BP CORPORATION NORTH AMERICA INC. 3,006,959
BRADLEY, DAVID MCALLISTER 3,006,661
BRANDNER, MARCO 3,005,352
BRANDVOLD, TIMOTHY A. 3,007,013
BRAUN, MARCEL 3,006,446
BRAUN, MARCEL 3,006,448
BREIJ, ESTHER 3,007,033
BRENTJENS, RENIER J. 3,006,224
BRENTJENS, RENIER J. 3,007,115
BREOUS-NYSTROM, EKATERINA V. 3,006,963
BRESKE, STEPHEN THOMAS 3,006,987
BREVET, MICHIEL 3,006,416
BREWER, TIMOTHY 3,006,765
BREZOVSKY, JAN 3,006,388
BRIGE, CHRISTOPHE 3,006,499
BRINGUIER, ANNE GERMAINE 3,006,752
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 3,006,621
BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY 3,007,067
BROBERG, ANDERS 3,006,866
BROOKER, ALAN THOMAS 3,006,598
BROUSSEAU, GUY 3,006,878
BROWN, ALICE CLAIRE NOEL 3,006,859
BROWN, SAMUEL DAVID 3,007,168
BRUEMMER, DAVID 3,006,459
BRUNNER, YARON 3,006,936
BRUNNER, YARON 3,006,995
BRYAN, GREG 3,006,668
BRZEV, SVETLANA 3,007,067
BUCHER, ETIENNE 3,006,632
BUDDE, TANJA 3,006,336
BUHLER, PETER 3,006,794
BURCELIN, REMY 3,006,625
BURGESS, RUSSEL WILLIAM 3,006,639
BURNS, BRIAN MATTHEW 3,006,719
BURNS, BRIAN MATTHEW 3,006,786
BURNS, BRIAN MATTHEW 3,006,806
BURTON, ALLEN W. 3,007,214
BUTTERFLY NETWORK, INC. 3,006,450
BUTTERFLY NETWORK, INC. 3,006,505
BUYSE, MARIE-ANGE 3,006,398
BUYUKKALENDER, AREK 3,006,642

BUZAS, EDIT 3,006,360
BUZDER-LANTOS, PETER 3,007,160
CABALLERO, SILVIA 3,006,105
CACIOPPO, CHRISTOPHER 3,007,028
CADENS IMAGERIE MEDICALE INC. 3,006,355
CAGNAC, OLIVIER 3,007,125
CAI, DENGKE 3,007,011
CALDER, DAVID 3,006,436
CALIFORNIA INSTITUTE OF TECHNOLOGY 3,006,976
CALIK, OGUZHAN 3,006,386
CALO, FREDERICK 3,006,838
CALUYA, ROGER 3,006,712
CAMFIL AB 3,006,475
CAMP, CHARLES HORACE, JR. 3,006,768
CANADIAN ENVIRONMENTAL TECHNOLOGIES INC. 3,006,378
CANADIAN ENVIRONMENTAL TECHNOLOGIES INC. 3,006,399
CANCER RESEARCH TECHNOLOGY LIMITED 3,007,150
CANN, GORDON 3,006,985
CANNING, SEAN CHRISTOPHER 3,006,848
CANTEL (UK) LIMITED 3,006,694
CAO, JING 3,007,198
CAO, MIN 3,006,240
CARALLI, LISA LYNN 3,006,954
CARL FREUDENBERG KG 3,006,392
CARLSBERG BREWERIES A/S 3,006,637
CARLSON, DANIEL F. 3,006,465
CARLSON, KENNETH E. 3,006,764
CARMEL, AVIV 3,007,172
CARONIA, PAUL J. 3,006,423
CARRODUS, JASON 3,006,729
CARROLL, CHRISTOPHER A. 3,007,003
CARTER, BLAIR R. 3,006,613
CASEY, BRENDAN 3,006,614
CASTAGNER, BASTIEN 3,006,701
CASTEX, NICOLAS 3,006,441
CASTEX, NICOLAS 3,006,487
CASTRO MAILLO, RAFAEL 3,006,923
CATHOMEN, ANJA 3,007,154
CELGENE CORPORATION 3,006,758
CEREZO-GALVEZ, SILVIA 3,007,037
CERNOSTICS, INC. 3,006,356
CHABRIOL, CHRISTOPHE 3,006,346
CHAI, XIYUN 3,007,018
CHAISE, ALBIN 3,006,641
CHALOUPKOVA, RADKA 3,006,388
CHAMPEAU, MARION 3,007,125
CHAMPION, BRIAN ROBERT 3,006,859
CHANDA, RUPEN 3,007,005
CHANDRASEKHAR, PRASANNA 3,007,076
CHANDRASEKHAR, SUJANA S. 3,006,563
CHANEL PARFUMS BEAUTE 3,006,441
CHANEL PARFUMS BEAUTE 3,006,487
CHANG, ROBERT T. 3,006,662
CHAPEAU, GUILLAUME 3,006,337
CHAROENSIRISOMBOON, PIYADA 3,006,843
CHATTHA, KARANVIR 3,006,667
CHAUMILLIAT, CHRISTINE 3,007,040
CHAUMILLIAT, CHRISTINE 3,007,041
CHEN, BEIBEI 3,006,541
CHEN, CHENG 3,007,012
CHEN, JINGJING 3,007,098
CHEN, KAILIANG 3,006,450
CHEN, KAILIANG 3,006,505
CHEN, MING-WEI 3,006,432
CHEN, PEILIN 3,006,994
CHEN, WANSHI 3,006,726
CHEN, WEI 3,006,565
CHENG, RICHARD 3,007,086
CHENG, XING 2,997,155
CHEVARIE, BENOIT 3,006,883
CHICHILI, GURUNADH REDDY 3,006,462
CHIDA, TAKASHI 3,006,426
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 2,997,155
CHINOIN GYOGYSZER ES VEGYESZETI TERMEKEK GYARA ZRT. 3,007,160
CHIRINOS, LUIS 2,994,550
CHISTYAKOV, SERGEY 3,006,534
CHOE, SUNG EUN 3,006,743
CHOI, AUGUSTINE M.K. 3,007,097
CHOI, STEPHEN YIU CHUEN 3,006,827
CHONO, KEIICHI 3,006,941
CHOPRA, SUMAN 3,006,544
CHOUKSEY, SIDDHANT 3,007,049
CHRISTEN, LUKAS 3,006,411
CHRISTENSEN, LARS LEHMANN HYLLING 3,006,607
CHRISTOF INTERNATIONAL MANAGEMENT GMBH 3,007,100
CHROMATIC TECHNOLOGIES, INC. 3,006,461
CHU, SEUNG 3,007,030
CHU, SEUNG Y. 3,006,052
CHUA, BUN-HIONG 3,006,494
CIAVARELLA, NICK E. 3,006,456
CITIFYD, INC. 3,007,001
CJ CHEILJEDANG CORPORATION 3,006,721
CLADIERE, MATHIEU 3,006,485
CLARK, ROBERT PARKER 3,006,974
CLARKE, ROBERT LEWIS 3,007,101
CLAYTON, TERRILL SCOTT 3,006,461
CLEXIO BIOSCIENCES LTD. 3,006,999
CLEXIO BIOSCIENCES LTD. 3,007,165
CLOONAN, SUZANNE M. 3,007,097
CLYNNE, THOMAS 3,007,011
COCKROFT, SCOTT R. 3,006,981
CODY, DAVID BLAIR 3,007,061
CODY, DAVID BLAIR 3,007,081
COENEN, PETER 3,006,517
COGEN, JEFFREY M. 3,006,423
COGEN, JEFFREY M. 3,007,012
COGNITIVE SYSTEMS CORP. 3,006,667
COLE, DAVE 3,007,001
COLE, STEPHEN PATRICK 3,006,429
COLGATE-PALMOLIVE COMPANY 3,006,507
COLGATE-PALMOLIVE COMPANY 3,006,544
COLGATE-PALMOLIVE COMPANY 3,006,547
COLGATE-PALMOLIVE COMPANY 3,006,552
COLGATE-PALMOLIVE COMPANY 3,006,588
COLGATE-PALMOLIVE COMPANY 3,006,609
COLIJN, HENDRIK ALBERTUS 3,006,503
COLIJN, HENDRIK ALBERTUS 3,006,508
COLLIN, ANNABELLE 3,006,335
COLLINS, COLIN C. 3,006,827
COLOMBETTI, SARA 3,006,529
COMMEYNE, CHRISTOPHE 3,006,878
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,006,641
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,006,649
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,006,872
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,007,007
CONCORDIA UNIVERSITY INC. 3,006,645
CONRAD, CRAIG MILLER 3,006,749
CONSTELLIUM ISSOIRE 3,006,871
CONSTELLIUM NEUF-BRISACH 3,006,346
COOK, DAVID 3,006,380
COOK, MARK E. 3,006,259
COOL, PETER JAN 3,006,535
COONEY, CHRISTOPHER G. 3,007,019
COOPER, LAURENCE 3,006,465
COPPOLA, GERMANO 3,005,906
CORNELL UNIVERSITY 3,006,431
CORNELL UNIVERSITY 3,007,097
CORNING OPTICAL COMMUNICATIONS LLC 3,006,749
CORNING OPTICAL COMMUNICATIONS LLC 3,006,752
CORNING OPTICAL COMMUNICATIONS LLC 3,006,940
CORNTHWAITE, DON 3,007,010
CORR, STUART 3,007,046
CORR, STUART 3,007,050
COSMED PHARMACEUTICAL CO., LTD. 3,006,706
COSTELLO, NEIL 3,006,483
COUCHOUD, TIMOTHEE 3,006,894

COULIBALY, MAMADOU LAMINE 3,006,890
COURBAT, JEROME CHRISTIAN 3,007,032
COURCHENE, CHARLES E. 3,006,613
COUSSEAU, FREDERIC ROBERT 3,006,894
COVESTRO DEUTSCHLAND AG 3,006,679
COWAN, CHAD, ALBERT 3,006,618
COWAN, CONRAD 3,007,020
COX, ADAM 3,007,127
COX, NEIL 3,007,067
CRAIG, JENNIFER LYN 3,006,697
CREO MEDICAL LIMITED 3,007,038
CRISPR THERAPEUTICS AG 3,006,618
CRNKOVICH, MARTIN JOSEPH 3,006,712
CROMWELL, JOHN 3,006,968
CROWTHER, JON 3,006,561
CUI, YUQING 3,007,047
CUNNINGHAM, PHILIP ANDREW 3,006,598
CURRIE, MARK G. 3,006,764
CURTIS, TODD C. 3,006,927
CYBER 2.0 (2015) LTD. 3,006,418
CYGNAR, KATHERINE 3,006,460
CYTEC INDUSTRIES INC. 3,006,559
D'INTRONO, FABIO 3,006,927
DACADOO AG 3,006,102
DAHALE, SHRAMIK KANTILAL 3,006,510
DALAS, FLORENT 3,007,039
DAMAGER, IBEN 3,007,148
DAMBORSKY, JIRI 3,006,388
DANIELSEN, JORN FRODE 3,006,717
DANZIGER, YOCHAY 3,007,002
DAVE, RAVI 3,006,899
DAVIA, PAUL C. 3,007,088
DAVIES, EVAN LLOYD 3,001,787
DAVIS, CLARK D. 3,007,113
DAVIS, CODY R. 3,007,120
DE BREUCKER, SVEN 3,006,517
DE JONG, JOHANNES A 3,006,950
DE JONG, ROB 3,007,031
DE MATTEIS, ALESSANDRO 3,006,932
DE VLIEGER, DIONYSIUS JACOBUS MARIA 3,006,503
DE VLIEGER, DIONYSIUS JACOBUS MARIA 3,006,508
DE VRIES, GLEN 3,006,567
DEBUS, JURGEN 3,007,147
DECK, MELISSA 3,006,432
DEGAND, GABRIEL 3,006,898
DEGAND, GABRIEL 3,006,905
DEGUDENT GMBH 3,007,141
DEJNEKA, NADINE SOPHIA 3,007,198
DEL VESCOVO, CARLO 3,006,927
DELBRIDGE, EWAN E. 3,007,127
DEMARCO, ANTHONY 3,007,200
DEMATTOS, RONALD BRADLEY 3,007,000
DEMERDASH, NABEEL A.O. 3,006,344
DEMERDASH, NABEEL A.O. 3,006,506
DENTSPLY SIRONA INC. 3,007,141
DEPOOT, KAREL JOZEF MARIA 3,006,853
DEPREZ, SOFIE 3,006,624
DERELOV, PETER 3,006,420
DEREWACZ, KASIA 3,006,763
DESAI, NILESH 3,007,026
DESHPANDE, SACHIN G. 3,006,803
DESJARLAIS, JOHN 3,006,052
DESJARLAIS, JOHN 3,007,030
DETNET SOUTH AFRICA (PTY) LTD 3,007,128
DEUTSCH, ANGELA JANE 3,007,061
DEUTSCH, ANGELA JANE 3,007,081
DEUTSCHES KREBSFORSCHUNGSZENTRUM 3,007,147
DEVENPORT, MARTIN 3,006,984
DEVISME, SAMUEL 3,006,907
DEWBERRY, BRANDON 3,006,459
DEWELL, JAMES GARRETT 3,006,940
DEWEY, RALPH E. 3,006,996
DEWILDE, MAARTEN 3,006,398
DEWULF, DAVID W. 3,006,771
DHOTRE, HIMANI 3,007,051
DI LUCREZIA, ALESSANDRO 3,006,424
DI TOMASO, EMMANUELLE 3,006,419
DIAMOND INNOVATIONS, INC. 3,007,093
DICKINSON, PHILIP JOHN 3,006,639
DIDONATO, MICHAEL 3,006,477
DIDZBALIS, JOHN 3,006,568
DIERINGER, KEN 3,007,001
DIKEN, MUSTAFA 3,007,161
DILLON, DOUGLAS M. 3,006,343
DINGERT, UWE 3,006,392
DIRCKX, MATTHEW 3,006,882
DISHMAN PHARMACEUTICALS AND CHEMICALS LIMITED 3,007,051
DITTRICH, WERNER 3,006,689
DITTUS, SEBASTIAN 3,006,402
DIVERSION TECHNOLOGIES, LLC 3,006,457
DODDS, PETER NORMAN 3,006,872
DODIA, SAGAR N. 3,006,550
DOGO-ISONAGIE, CAJETAN 3,006,547
DOHRING, DIETER 3,007,023
DOLE, DOUGLAS R. 3,006,374
DOLEGA, LUKASZ 3,006,346
DOM, JOHAN JULIA J. 3,006,510
DOM, JOHAN JULIA J. 3,006,624
DONG, HAIFENG 3,006,993
DONG, LI TENG 3,006,504
DONNELLY, JESS EDWARD 3,006,639
DONTSOV, ALEKSANDR VIKTOROVICH 2,997,724
DORNAN, DAVID 3,006,772
DOSTAL, DANIELA 3,006,900
DOUCHI, SADAO 3,006,937
DOW GLOBAL TECHNOLOGIES LLC 3,006,423
DOW GLOBAL TECHNOLOGIES LLC 3,006,439
DOW GLOBAL TECHNOLOGIES LLC 3,006,497
DOW GLOBAL TECHNOLOGIES LLC 3,006,723
DOW GLOBAL TECHNOLOGIES LLC 3,007,012
DOWDY, MICHAEL J. 3,006,734
DOWNHOLE TECHNOLOGY, LLC 3,001,787
DOWNUNDER GEOSOLUTIONS PTY LTD 3,006,594
DRANOFF, GLENN 3,006,432
DRAZBA, JESSICA D. 3,006,423
DREYER, MATTHIAS 3,006,689
DROCHE, EMILE 3,006,513
DROGUET, BENJAMIN 3,006,341
DROUADAINE, IVES 3,006,362
DROUADAINE, YVES 3,006,326
DU, ZHE 3,007,012
DU, ZHIMIN 3,006,772
DUBOIS, JEROME 3,007,028
DUDDING, ASHLEY 3,006,494
DUFFY, KEVIN J. 3,006,930
DUKE EMPIRICAL, INC. 3,006,635
DUNBAR, CRAIG ANTHONY 3,006,746
DUPONT NUTRITION BIOSCIENCES APS 3,006,987
DURHAM, CHRISTOPHER JOHN WALTER 3,006,570
DVORAK, PAVEL 3,006,388
DVORAK, PETR 3,006,388
DYKMAN, MELANIE 3,007,039
E. I. DU PONT DE NEMOURS AND COMPANY 3,006,987
E.I. DU PONT DE NEMOURS AND COMPANY 3,006,986
E.ON SVERIGE AB 3,006,406
EATON INTELLIGENT POWER LIMITED 3,006,729
EBBEKE, HELGE 3,006,606
ECOLAB USA INC. 3,007,130
EDEL, JOSH L. 3,007,113
EDELMANN, THOMAS JOSEPH 3,006,894
EDMUNDS, ANDREW 3,006,911
EDSON, PATRICK 3,006,461
EDULJI, SMITA 3,006,503
EDULJI, SMITA 3,006,508
EECKHOUT, JORIS 3,006,474
EGESBORG, HENRIK 3,006,622
EGESBORG, HENRIK 3,006,626
EGESBORG, HENRIK 3,006,627
EGESBORG, HENRIK 3,006,643
EGGXYT LTD 3,007,066
EGLEY, BERT D. 3,006,712
EHRESMANN, MANFRED 3,006,946
EIBISCH, JAN 3,006,628
EICHHOFF, JULIAN 3,006,864
EICHOLTZ, DANIEL 3,006,987
EIDGENOSSISCHE TECHNISCHE HOCHSCHULE ZURICH 3,006,400

EILMUS, SASCHA 3,007,037
EISELLEOVA, LIVIA 3,006,388
EL ALLOUCHE, NIHED 3,006,953
EL QACEMI, MYRIEM 3,006,911
ELASHOFF, BARBARA 3,006,567
ELEK, ALEXANDER C. 3,006,988
ELI LILLY AND COMPANY 3,007,000
ELI LILLY AND COMPANY 3,007,018
ELLENBERGER & POENSGEN GMBH 3,006,630
ELSBY, KEVAN 3,007,042
EMADI, ALMA 3,007,001
EMERSON, RON 3,006,646
EMERSON, TOD D. 3,007,099
ENANTIS S.R.O. 3,006,388
ENDE, RALF 3,006,551
ENGELMANN, CHRISTIAN 3,006,393
ENGLER, FREDERIC 3,006,887
ENGLER, FREDERIC 3,006,889
ENOMURA, MASAKAZU 3,006,949
ENTINGH, TIMOTHY 3,006,458
EP TECHNOLOGIES LLC 3,006,857
EQUIPMENT ARMOR, INC. 3,006,980
EREBOS ENERGY PTY LTD 3,006,631
ERLANDSSON, OLA 3,006,328
ERNST, KARIN 3,006,589
ERNST, MARTIN 3,006,736
ERSOZ, ELHAN SULTAN 3,007,016
ESSEGHIR, MOHAMED 3,007,012
ESTABLISHMENT LABS S.A. 3,007,138
ETGEN, JOHN THEODORE 3,006,959
ETH ZURICH 3,006,701
EUREKA THERAPEUTICS, INC. 3,006,224
EUREKA THERAPEUTICS, INC. 3,007,115
EVANS, LAUREN 3,006,609
EVANS, ROBERT K. 3,006,069
EVULET, ANDREI 3,006,361
EXTRUDE TO FILL, LLC 3,007,106
EXTRUDE TO FILL, LLC 3,007,114
EXTRUDE TO FILL, LLC 3,007,121
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,006,736
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,007,214
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,006,956
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,006,957
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,007,059
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,007,078
EYEWAY VISION LTD. 3,007,069
F. HOFFMANN-LA ROCHE AG 3,006,529
F. HOFFMANN-LA ROCHE AG 3,006,617
F3 SNOW TECHNOLOGIES AB 3,006,854
FABER ET CIE INC. 3,006,376
FABER, GUY 3,006,376
FABRICIUS, PAUL ERIK 3,006,643
FACC AG 3,006,815
FAGGIONI, RAFFAELLA 3,007,098
FAHMY, MOHAMED G. 3,007,127
FAHRENKRUG, SCOTT C. 3,006,465
FAHY, BRIAN 3,006,614
FANELLI, STEVE 3,007,083
FANGROW, THOMAS F. 3,006,951
FARAHMAND, TOURAJ 3,006,333
FARIDMOAYER, AMIRREZA 3,006,400
FARKAS, ALEXANDER T. 3,006,438
FARMER MOLD AND MACHINE WORKS, INC. 3,006,646
FATTAL, DAVID A. 3,006,560
FEKETE, IBOLYA 3,007,160
FELDMAN, JOHN E. 3,007,113
FELLE, MAX FABIAN 3,006,593
FERMENTALG 3,007,125
FERNANDEZ MARTINEZ, LUCIA 3,006,853
FERNANDEZ, ANDRES 3,006,867
FERREINT, LILIAN 3,007,040
FERRELL, JAMES 3,006,857
FERRIS, BRUCE SEYMOUR 3,007,149
FILSEGGER, HERMANN 3,006,815
FISHER & PAYKEL HEALTHCARE LIMITED 3,006,639
FISHER CONTROLS INTERNATIONAL LLC 3,006,881
FISHER CONTROLS INTERNATIONAL LLC 3,006,886
FISHER, JEFFREY S. 3,006,985
FISSLER GMBH 3,006,606
FITZPATRICK, RICHARD ERNEST 3,007,106
FITZPATRICK, RICHARD ERNEST 3,007,114
FITZPATRICK, RICHARD ERNEST 3,007,121
FLANAGAN, THOMAS ANTHONY 3,007,082
FLESHER, GREGORY J. 3,006,563
FLEURY, SEAN P. 3,007,009
FLODESIGN SONICS, INC. 3,005,845
FLUDER, WILLY 3,006,794
FLUID ENERGY GROUP LTD. 3,006,385
FLUIDIGM CORPORATION 3,006,994
FOLBACH, JOHANNES 3,007,134
FONG, SARAH 3,006,738
FONTAINE, FREDERIC-GEORGES 3,006,603
FOODY, BRIAN 3,006,672
FORTMAN, CHRISTOPHER J. 3,007,105
FOSHAN SHUNDE MIDEA WASHING APPLIANCES MFG. CO., LTD. 3,006,690
FOSTER, ALISTAIR 3,006,929
FOUQUET, MARINE 3,006,499
FRANCOIS, VIRGINIE 3,006,515
FRANK, STEVEN 3,006,773
FRANK, STEVEN 3,006,776
FRANZKE, AXEL 3,006,791
FRANZKE, CONSTANZE 3,006,791
FREDRIKSSON, MAGNUS 3,006,375
FRESENIUS MEDICAL CARE HOLDINGS, INC. 3,006,470
FRESENIUS MEDICAL CARE HOLDINGS, INC. 3,006,712
FRICKE, KRISTINA 3,006,568
FRIEDACHER, ALFRED 3,007,100
FRIEDMAN, MICHAEL J. 3,007,086
FRIEDMANN, EDGAR 3,007,002
FRIEDRICH MIESCHER INSTITUTE FOR BIOMEDICAL RESEARCH 3,006,952
FROST, CLINT 3,006,422
FUJITSU LIMITED 3,007,074
FUKUHARA, YUKIHIDE 3,006,013
FUNAGANE, HITOSHI 3,006,369
G.C.C.HOLDING B.V. 3,006,950
GAAL, PETER 3,006,726
GABL, HELMUTH 2,984,375
GABRIEL, JOSEPH M. 3,006,970
GAJANANA, LLC 3,007,088
GALIANO, PAOLO 3,006,414
GANDHI, ANITA 3,006,758
GANE, PATRICK A. C. 3,006,336
GANN, JOHN P. 3,007,191
GANZ, ROBERT A. 3,006,739
GAO, FENG 3,006,690
GAO, JUN 3,006,890
GARCIA, ROLANDO 3,005,948
GARCIA-GARCIA, JOSE CARLOS 3,007,061
GARCIA-GARCIA, JOSE CARLOS 3,007,081
GARG, PUSHKAL 3,007,014
GASSER, ROBERT A., JR. 3,007,098
GE LIGHTING SOLUTIONS, LLC 3,007,011
GE, HUIMING 3,006,486
GEBHARD, ROLAND 3,006,961
GEBHARDT, JOACHIM 3,006,946
GEE, THOMAS 3,007,083
GEESE, BRIAN T. 3,006,960
GEHIN, BRUNO 3,007,125
GEICO SPA 3,006,424
GEIER, ETHAN 3,006,431
GEIERSTANGER, BERNHARD HUBERT 3,006,477
GEISTLICH PHARMA AG 3,006,693
GEMALTO SA 3,006,642
GENERAL CABLE TECHNOLOGIES CORPORATION 3,007,120
GENERAL ELECTRIC COMPANY 3,006,927
GENERAL ELECTRIC COMPANY 3,006,978
GENERAL ELECTRIC COMPANY 3,006,982
GENERAL ELECTRIC TECHNOLOGY GMBH 3,006,890
GENERAL MILLS, INC. 3,006,564
GENERAL MILLS, INC. 3,006,782
GENETEC INC. 3,006,878
GENETHON 3,006,515
GENGRINOVITCH, STELA 3,007,058
GENGRINOVITCH, STELA 3,007,065
GENMAB B.V. 3,007,031

GENMAB B.V. 3,007,033
GEOPROSPECTORS GMBH 3,006,582
GEORGANTAS, ROBERT W., III 3,007,098
GEORGES, MARIAN 3,006,552
GERARD, DANIEL E. 3,006,336
GERARD, JEFFREY 3,007,184
GERBERICK, GEORGE FRANKLIN 3,007,061
GERBERICK, GEORGE FRANKLIN 3,007,081
GERHARD, MARKUS 3,007,036
GERHARDT, ARMIN 3,006,645
GHESHMI, SIAVASH 3,006,590
GIACOMINI, KATHLEEN M. 3,006,431
GIBSON, DAVID 3,007,043
GIBSON, MATTHEW 3,006,899
GIESEKE, FRIEDERIKE 3,007,161
GILBERT, DAVID JOHANN 3,006,843
GILCHRIST, GARY 2,994,550
GILEAD SCIENCES, INC. 3,006,772
GILLESSEN, STEPHAN 3,006,612
GILLIA, OLIVIER 3,006,641
GILLIGAN, LINDA 3,007,204
GILLOT, JULIEN 3,006,337
GILMANSHIN, RUDOLF 3,005,845
GILMOUR, JAMES 3,006,646
GILVARRY, MICHAEL 3,006,614
GIRARD GUARD, LLC 3,007,004
GISCH, DARYL J. 3,006,439
GISH, KURT C. 3,006,596
GISH, KURT C. 3,006,610
GIUNTI DE OLIVEIRA, LUIZ CARMINE 3,006,498
GJERMANSEN, MORTEN 3,007,148
GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED 3,006,865
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,006,930
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 3,006,934
GLEAVE, MARTIN E. 3,006,827
GODONY, KRISZTINA 3,006,360
GODSEY, STEVE 3,006,780
GOEL, NIKHIL 3,006,983
GOETZ, ROLAND 3,006,946
GOEYVAERTS, NELE ISA E. 3,006,488
GOJO INDUSTRIES, INC. 3,006,456
GOKHALE, VIJAY 3,006,799
GOLAY, LAURENT 3,006,602
GONGFU, WANG 3,007,034
GONNELLA, ANTONIO 3,006,494
GONZALEZ, ANA M. 3,007,022
GOOD TECHNOLOGY HOLDINGS LIMITED 2,994,550
GOODMAN, JOHN 3,006,646
GOODRICH, LAUREN 3,006,617
GOOROO MESSAGING CORPORATION 3,007,117
GOPALAKRISHNAN, JAY 3,006,413
GORDON, PAUL D. 2,960,975
GORGENS, ULRICH 3,007,037
GORIN, CRAIG F. 3,006,723
GOTMALM, CHRISTER 3,006,378
GOTMALM, CHRISTER 3,006,399
GOTO, DAISUKE 3,006,704
GOTO, TAKUYA 3,006,543
GOURGUECHON, STEPHANE B. 3,006,781
GOUT, PETER WILHELM 3,006,827
GOVERUD-HOLM, THOMAS 3,006,717
GP CELLULOSE GMBH 3,006,613
GRANNUS, LLC 3,007,124
GRAY, DENNIS MICHAEL 3,006,927
GRAY, DENNIS MICHAEL 3,006,982
GRAY, ROBERT L. 3,006,857
GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI 3,006,572
GREEN, ANNABEL 3,006,422
GREEN, KAREN L. 2,998,583
GREENBERG, BORIS 3,007,069
GREENSHIELDS, DAVE 3,007,111
GRIFFITH, DAVID CHARLES, JR. 3,006,712
GRIFFITH, NATHAN 3,006,727
GROENENDIJK, THIJS 3,006,860
GRST INTERNATIONAL LIMITED 3,006,869
GRUBBS, ROBERT H. 3,006,976
GSCHWIND, MATTHEW R. 3,007,113
GU, SHIQUN 3,007,083
GUAN, WEI 3,007,184
GUANGZHOU KINGSOFT MOBILE TECHNOLOGY CO., LTD. 3,006,001
GUENTHER, DENISE E. 3,006,565
GUERRERO, JUAN A. 3,006,772
GUEY, LIN 3,006,998
GUILLOT, ALAIN 3,006,403
GUILLOT, WILLIAM R. 3,006,636
GUIMARD, DENIS 3,006,338
GUIMARD, DENIS 3,006,339
GUIMARD, DENIS 3,006,870
GUNNARSSON, JOHAN 3,006,375
GUPTA, SANDEEP 3,006,762
GUPTA, SHIV 3,007,049
GUSEV, ALEKSANDR OLEGOVICH 2,997,724
GVILI, KOBY 3,006,695
HABERKORN, EDUARD 3,006,788
HABERMANN, PAUL (DECEASED) 3,006,689
HACKETT, PERRY B. 3,006,465
HADIAN, KAMYAR 3,006,413
HAEGGSTROM, EDWARD 3,006,467
HAGE, KERSTIN 3,006,593
HAGNER, PATRICK 3,006,758
HAHN, MARTIN 3,006,673
HAITJEMA, CHARLES 3,006,972
HAJIPOURAN BENAM, KAMBEZ 3,007,084
HALDOR TOPSOE A/S 3,006,021
HALDOR TOPSOE A/S 3,006,025
HALL, TIMOTHY J. 3,007,078
HALLIBURTON ENERGY SERVICES, INC. 3,006,463
HALLIBURTON ENERGY SERVICES, INC. 3,006,542
HALLIBURTON ENERGY SERVICES, INC. 3,006,848
HALLIBURTON ENERGY SERVICES, INC. 3,007,077
HAMEDINGER, THOMAS 3,006,679
HAMILTON, RYLAN 3,007,028
HAMMER, KRISTIN 3,007,025
HAMPTON STEEL LIMITED 3,006,570
HAN, HUI 3,007,111
HANADA, TADAYUKI 3,006,713
HANAMI, KAZUKI 3,006,713
HANCOCK, CHRISTOPHER PAUL 3,007,038
HANG, IVAN 3,006,400
HANSON, IAN B. 3,007,045
HARA, NOBUO 3,006,013
HARRIS, DONALD R. 3,006,456
HARRIS, IAN 3,007,198
HARTL, DOMINIK 3,006,952
HARTMAN, WILLIAM G. 3,006,636
HARTMANN, HOLGER 3,006,593
HARTMANN, MARKUS 3,006,791
HARVEY, DAVID 3,006,601
HASE, KAZUKUNI 3,006,945
HASHASH, AHMAD 3,006,746
HASHIMOTO, MASARU 3,006,426
HASHIMOTO, RYUJI 3,006,914
HASSAN, MAHMOUD 3,006,609
HAULOTTE GROUP 3,006,379
HAULOTTE GROUP 3,006,402
HAVASI, GABOR 3,007,160
HAYASHI, SATORU 3,006,369
HAZEN, STANLEY LEON 3,007,061
HAZEN, STANLEY LEON 3,007,081
HE, BING 3,006,998
HE, FENG 3,006,683
HE, JIANGBIAO 3,006,344
HE, JIANGBIAO 3,006,506
HE, JIANMIN 3,007,011
HE, MINGXUN 3,006,683
HECHT, GIL 3,006,534
HEDLUND, KENNY 3,006,475
HEDSTROM, BLAKE 3,006,975
HEIL, MARKUS 3,007,037
HEILMAN, RYAN D. 3,007,194
HEINRICH, MATTHIAS 3,006,673
HELMHOLTZ ZENTRUM MUNCHEN 3,006,413
HENDRICKSON USA, L.L.C. 3,006,494
HENN, MATTHEW 3,006,380
HENNESSEY, SUSAN MARIE 3,006,987
HENRIKSSON, JONAS 3,006,854
HERRENKNECHT AKTIENGESELLSCHAFT 3,006,894
HEWSON-HUGHES, ADRIAN 3,006,760

HEXAGON TECHNOLOGY AS 3,006,580
HEYMES, CHRISTOPHE 3,006,625
HICKSON, JONATHAN A. 3,006,596
HICKSON, JONATHAN A. 3,006,610
HIGGINS, TIMOTHY 3,007,028
HIGGS, BRANDON 3,007,098
HIGHLANDS NATURAL RESOURCES, PLC 3,006,457
HILL, ERNIE 3,007,138
HINNER, MARLON 3,006,914
HIROKANE, YOSHIO 3,007,142
HIRSCHFELDER, ANDREAS 3,006,673
HIRSCHHORN-CYMERMAN, DANIEL 3,006,963
HIRVONEN, JUKKA MATTI 3,006,754
HIRVONEN, JUKKA MATTI 3,006,770
HO, GORDON 3,006,777
HOBART BROTHERS COMPANY 3,006,562
HOBIN, KYLE 3,007,076
HODEL, JEREMY 3,006,778
HOEKSTRA, WILLIAM J. 3,006,469
HOFFMANN, PETER 3,006,340
HOLCIM TECHNOLOGY LTD 3,007,039
HOLCIM TECHNOLOGY LTD 3,007,040
HOLCIM TECHNOLOGY LTD 3,007,041
HOLMBERG, REBECCA 3,007,019
HOLOS, STEINAR 3,006,717
HOLSTEIN, MARTIN 3,006,375
HOLVERSON, TODD EARL 3,006,595
HONDA PATENTS & TECHNOLOGIES NORTH AMERICA, LLC 3,006,754
HONDA PATENTS & TECHNOLOGIES NORTH AMERICA, LLC 3,006,770
HONDA, DAISUKE 3,006,949
HONJO, MINORU 3,006,945
HOOSS, MELISSA CARRIE 3,006,991
HOOSS, MELISSA CARRIE 3,007,103
HOPPER, DAVID BARTH 3,006,940
HORNBURG, DANIEL 3,007,036
HORSEMAN, SAMANTHA J. 3,007,204
HORTOBAGYI, IREN 3,007,160
HOU, YANAN 3,001,787
HOUG, ANNE DORTE 3,006,607
HSU, CHRISTOPHER 3,006,562
HSU, JONATHAN 3,006,398
HU, JIANFENG 2,999,068
HU, JUAN 3,006,001
HU, QIYUE 3,006,683
HUANG, CATHERINE 3,006,464
HUANG, CATHERINE 3,007,056
HUANG, HSI-YI 3,006,774
HUAWEI TECHNOLOGIES CO., LTD. 2,977,742
HUAWEI TECHNOLOGIES CO., LTD. 3,006,017
HUAWEI TECHNOLOGIES CO., LTD. 3,006,389
HUAWEI TECHNOLOGIES CO., LTD. 3,006,394
HUAWEI TECHNOLOGIES CO., LTD. 3,006,397
HUFFMAN, JAMES RON 3,006,775
HUGHES NETWORK SYSTEMS, LLC 3,006,343
HUMATICS CORPORATION 3,006,459
HUNTER, JOHN 3,006,422
HUNTSMAN PETROCHEMICAL LLC 3,006,623
HUO, TIAN 3,006,504
HURLEY, LAURENCE 3,006,799
IBAGON, JOHN 3,007,130
IBRAHIM, HASNOL 3,006,621
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 3,007,104
ICHIMIYA, KATSUYUKI 3,006,945
ICU MEDICAL, INC. 3,006,951
IFP ENERGIES NOUVELLES 3,006,913
IGLIO, VALERIO 3,006,424
ILG, KERSTIN 3,007,037
ILLINOIS TOOL WORKS INC. 3,006,579
ILLINOIS TOOL WORKS INC. 3,006,592
ILLINOIS TOOL WORKS INC. 3,006,595
ILLNOIS TOOL WORKS INC. 3,006,557
ILLUMINA, INC. 3,006,985
IMDIEKE, CHRISTOPHER 3,006,577
IMERYS USA, INC. 3,006,771
IMFLUX INC. 3,006,719
IMFLUX INC. 3,006,786
IMFLUX INC. 3,006,806
IMPER S.P.A. 3,007,109
IMPERIAL INNOVATIONS LIMITED 3,006,407
IMPRESSION TECHNOLOGIES LIMITED 3,006,929
INCERA GARRIDO, GERARDO 3,006,843
INDERMUHLE, PIERRE 3,006,867
INDIAN MOTORCYCLE INTERNATIONAL, LLC 3,007,113
INDRAERO-SIREN 3,006,384
INDURAD GMBH 3,006,647
INDURAD GMBH 3,006,681
INGBER, DONALD E. 3,007,084
INGLIN, THOMAS ALFRED 3,007,061
INGLIN, THOMAS ALFRED 3,007,081
INGRAM, JOHN 3,006,436
INGRAM, SHANNON C. 3,007,003
INGRAM, THOMAS 3,006,736
INNOVENT BIOLOGICS (SUZHOU) CO., LTD 3,007,021
INOSE, KEITA 3,006,937
INOUE, MAMIKO 3,006,704
INOVA SEMICONDUCTORS GMBH 3,006,526
INSAM, MIRKO 3,006,455
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) 3,006,403
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,006,625
INTELLIA THERAPEUTICS, INC. 3,006,432
INTERGAS HEATING ASSETS B.V. 3,006,535
INTERVET INTERNATIONAL B.V. 3,006,917
INTERVET INTERNATIONAL B.V. 3,006,921
INVENTIO AG 3,006,387
INVENTIO AG 3,006,409
INVENTIO AG 3,006,411
IOANNIS, JASON LIMNIOS 3,007,107
IOGEN CORPORATION 3,006,672
IONESCU, CORNELIA 3,006,405
IONIS PHARMACEUTICALS, INC. 3,006,599
IRONWOOD PHARMACEUTICALS, INC. 3,006,746
IRONWOOD PHARMACEUTICALS, INC. 3,006,764
ISCAR LTD. 3,006,534
ISHIDA, TAKAYUKI 3,006,941
ISOLYNX, LLC 3,006,438
ISOPI, LYNNE 3,006,069
IVANOVA, EKATERINA ALEKSEEVNA 3,006,954
IVARSSON, MATTIAS 3,006,701
IZUTSU, TADAO 3,007,142
JACKMAN, STUART 3,006,566
JACKSON, HOLLIE JAINE 3,006,224
JACKSON, MARK 3,006,694
JACKSON, TRACEY 3,006,430
JACKSON, TRENTON F. 3,006,881
JACKWELD LIMITED 3,006,566
JACOBS, DOUGLAS ANTHONY 3,006,442
JACOBS, LAURENCE 3,006,102
JACOBSEN, THORBEN KVISGAARD 3,006,616
JACQUEL, NICOLAS 3,006,898
JACQUEL, NICOLAS 3,006,905
JAGER, GERNOT 3,006,679
JAIN, AKSHAY 3,006,459
JAIS, PIERRE 3,006,597
JAMES, PHILIP SCOTT 3,006,470
JAMIESON, ALEXANDER DAVID 3,006,385
JAMSHIDI, ARASH 3,006,985
JANSEN, ADRIANUS JOHANNES ERNST 3,007,145
JANSSEN BIOTECH, INC. 2,960,975
JANSSEN BIOTECH, INC. 3,007,198
JANSSEN SCIENCES IRELAND UC 3,006,488
JANUS, JOSEPH, IV 3,006,981
JARVINEN, JUHO 3,006,987
JAVAHERIAN, KASHI 3,007,147
JAYASANKAR, BARATH 3,006,601
JEANGUENAT, ANDRE 3,006,911
JEIBMANN, SAMUEL SPENCER 3,007,001
JENEWEIN, STEFAN 3,006,593
JENKINS, DENNIS K. 3,006,456
JENSEN, JOSEPH CLINTON 3,006,940

JENSEN, STEEN 3,006,622
JENSEN, STEEN 3,006,626
JENSEN, STEEN 3,006,627
JENSEN, STEEN 3,006,643
JENSEN, SVEN KARSTEN 3,006,408
JETOPTERA, INC. 3,006,361
JFE STEEL CORPORATION 3,006,490
JFE STEEL CORPORATION 3,006,620
JFE STEEL CORPORATION 3,006,945
JFE STEEL CORPORATION 3,007,073
JIANGSU HENGRUI MEDICINE CO., LTD. 3,006,683
JIMMYASH LLC 3,006,577
JIN, XIN 3,006,723
JOACHIM, KURT 3,007,044
JOENSEN, FINN 3,006,021
JOENSEN, FINN 3,006,025
JOHANNING, JOACHIM 3,006,900
JOHN, MATTHIAS, JOHANNES 3,006,618
JOHNS, ADAM M. 3,006,976
JOHNSON & JOHNSON CONSUMER INC. 3,006,576
JOHNSON & JOHNSON CONSUMER INC. 3,006,578
JOHNSON & JOHNSON CONSUMER INC. 3,006,581
JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED 3,006,751
JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED 3,006,755
JOHNSON MATTHEY PUBLIC LIMITED COMPANY 3,006,328
JOHNSON, KELLY 3,006,458
JOHNSON, LESLIE S. 3,006,462
JOHNSON, MILTON L. 3,006,636
JOINER, MARVIN 3,006,466
JONES, PAUL JOSEPH 3,006,463
JONSSON, MATTIAS 3,007,025
JORAJEV, ALIBEK 2,994,550
JORONEN, TERO 3,006,401
JOURNIGAN, V. BLAIR 3,006,966
JPU.IO LTD 3,006,496
JUDS, MARK A. 3,006,729
JUETTNER, JOSEPHINE 3,006,952
JUMP, JOSEPH 3,007,103
JUNG, JOON 3,006,764
JUNGE, MATTHIAS 3,006,788
JUNK, KENNETH W. 3,006,886
JUNT, TOBIAS 3,006,477
KAARTINEN, JANI 3,006,491
KALGHATGI, SAMEER 3,006,857
KALYNYTSCHENKO, EDUARDO 3,006,387
KAMIYAMA, FUMIO 3,006,706
KANCERA AB 3,007,025
KANER, RICHARD BARRY 3,006,997
KANG, HYUNJIN 3,006,799
KANG, ZHENGFANG 3,006,775
KANYUH, ADAM J. 3,006,472
KAPLAN HAELION, EREZ 3,006,418
KAPLAN, JOSHUA A. 3,006,772
KAPOOR, RAVI 3,006,447
KAR, SIDDHARTH 3,006,983
KARAFIN, JONATHAN SEAN 3,006,518
KARAFIN, JONATHAN SEAN 3,006,528
KARAFIN, JONATHAN SEAN 3,006,553
KARAFIN, JONATHAN, SEAN 3,006,523
KARCHER, JEFFERY DWANE 3,006,542
KARDOS, ZSUZSANNA 3,007,160
KARPEISKY, ALEXANDER 3,006,954
KASSAMAKOV, IVAN 3,006,467
KATER, TIMOTHY 3,006,778
KAUFMANN, RAPHAEL 3,006,693
KAWAMURA, SHUJI 3,007,073
KAY, ARTHUR 3,007,137
KCI LICENSING, INC. 3,007,003
KCL ENTERPRISES, LLC 3,007,008
KEANE, MICHAEL F. 2,960,975
KELLEY, JOHN 3,006,410
KEMPF, PETER 3,006,551
KENNEDY, DIANE 3,007,067
KENNEDY, THOMAS J., III 3,005,845
KEOUGH, JAMES M. 3,006,613
KERENDIAN, HORMOZ 3,006,494
KERNS, JASON B. 3,006,988
KESICI, OMER 3,006,602
KESPRY INC. 3,006,974
KETER PLASTIC LTD. 3,006,936
KETER PLASTIC LTD. 3,006,995
KEYS, TIMOTHY 3,006,400
KHADKA, PRAMITHUS 3,007,184
KHAN, ISAAC J. 2,960,975
KHARENKO, OLESYA 3,007,168
KHURANA, TARUN 3,006,985
KIEDROWSKI, MATTHEW 3,007,055
KIENLE + SPIESS GMBH 3,006,382
KIENLE + SPIESS GMBH 3,006,671
KIISKI, ULLA 3,006,634
KILARU, SRINIVASU 3,006,537
KILPER, DANIEL 3,006,971
KIM, MIN HOE 3,006,721
KIM, SEONG BO 3,006,721
KIMBERLY-CLARK WORLDWIDE, INC 3,006,740
KIMURA, TATSUMI 3,006,945
KING, DANIEL 3,006,614
KING, HARRY L. 3,007,008
KINSER, ANDREW JOHN 3,006,881
KITAGAKI, HISASHI 3,006,713
KITAGAWA, JUNICHI 3,006,490
KLAFFL, SIMON 3,006,679
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OSHIMA, YASUHIDE 3,006,490
OSTEROS BIOMEDICA LTD. 3,006,954
OTIC PHARMA INC. 3,006,563
OTOYO, MAMORU 3,006,914
OUELLET, SEBASTIEN 3,006,509
OUTOTEC (FINLAND) OY 3,006,491
OUZUNOVA, MILENA 3,006,589
OVAL MEDICAL TECHNOLOGIES LIMITED 3,006,433
OVD KINEGRAM AG 3,007,154
OVERDIJK, MARIJE 3,007,031
OVERDIJK, MARIJE 3,007,033
OWEN, TIMOTHY J. 3,006,461
OXSITIS 3,006,875
OZBEK, ALI 3,006,953
OZTURK, FILIZ 3,006,386
P.E. LABELLERS S.P.A. 3,006,327
PACH, JOHN DAVID 3,006,328
PADILLA IGLESIAS, LEANDRO 3,005,996
PALLINGER, EVA 3,006,360
PALUMBO, VINCENT P. 3,006,970
PAMER, ERIC 3,006,105
PAN, YI 3,006,397
PARK, SEUNG WON 3,006,721
PARNELL, ANDREW STAM 3,007,001
PARREN, PAUL 3,007,031
PARREN, PAUL 3,007,033
PARRENIN, CEDRIC 3,006,649
PASINI, CIRO 3,006,381
PASQUIER, CECILE 3,006,540
PATEL, BABULAL R. 3,007,051
PATEL, DILIP N. 3,007,051
PATEL, JIGAR 3,006,617
PATEL, NILESHKUMAR SURESHBHAI 3,006,537
PATERSON, ANDREW JOHN 3,007,034
PATTYN, ELS 3,006,398
PAUL, JOSE K. 3,006,988
PAVEMENT ANALYTICS LIMITED 3,006,942
PAWAR, SUJIT SRIDHAR 3,006,537
PAYNE, MARK S. 3,006,987
PEACOCK, MARTIN JAMES 3,006,598
PEARL, WILLIAM CECIL, JR. 3,006,542
PEASE, STEPHEN 3,006,439
PEAT, ANDREW JAMES 3,006,865
PECK, BILL JAMES 3,006,867
PECSI TUDOMANYEGYETEM 3,006,360
PEDERSEN, PER MOLGAARD 3,006,622
PEDERSEN, PER MOLGAARD 3,006,626
PEDERSEN, PER MOLGAARD 3,006,627
PEDERSEN, PER MOLGAARD 3,006,643
PEDERSON, PAMELA J. 3,006,782
PEDERSON, RICHARD L. 3,006,976

PEDRON, SIMON 3,006,924
PEHRATOVIC, HASIBA 3,006,697
PELEMAN, GUIDO FRANS M. 3,006,761
PENAUD, CLAUDE-ERIC 3,006,642
PENN, MARC S. 3,007,055
PERCEC, SIMONA 3,006,986
PEREIRA, CARLA S. 3,006,736
PEREZ, NICALAS 3,007,040
PERIYANNAN, SAMBASIVAM KUPPUSAMY 3,006,872
PERSON, TIMOTHY J. 3,006,423
PESHAVE, CHINMAY 3,006,771
PESTSOVA, ELENA 3,006,589
PETRI, JOHN A. 3,007,015
PHARMALEADS 3,006,365
PHELPS, DAVID 3,006,577
PHILIP MORRIS PRODUCTS S.A. 3,006,512
PHILIP MORRIS PRODUCTS S.A. 3,006,602
PHILIP MORRIS PRODUCTS S.A. 3,007,029
PHILIP MORRIS PRODUCTS S.A. 3,007,032
PHILIP MORRIS PRODUCTS S.A. 3,007,035
PHILIP MORRIS PRODUCTS S.A. 3,007,057
PHILIP MORRIS PRODUCTS S.A. 3,007,068
PHILLIPS, BARTON W. 3,006,772
PHILLIPS, GARY 3,006,979
PHILIPPEN, LOVIS 3,007,134
PHOENIX TISSUE REPAIR, INC. 3,006,998
PIERIS PHARMACEUTICALS GMBH 3,006,914
PIERRE, FRITZ, JR. 3,006,956
PIERRE, FRITZ, JR. 3,006,957
PIETRI-ROUXEL, FRANCE 3,006,515
PILLOWVISION, LLC 3,006,538
PILON, VINCENT 3,006,883
PILON, VINCENT 3,006,885
PIMENTEL, MARCELO FERNANDO 3,006,783
PIRANHA MEDICAL, LLC 3,006,739
PITTERNA, THOMAS 3,006,911
PLAHEY, KULWINDER S. 3,006,712
PLAMONDON, JEAN-SEBASTIEN 3,006,883
PLAMONDON, JEAN-SEBASTIEN 3,006,885
PLANSEE SE 3,005,352
PLESNER, BITTEN 3,006,607
PLISKA, ADAM KIRK 3,006,595
POHL, MATTHIAS 3,006,551
POISSON, LUIGI 3,007,042
POLK, JAMES E. 3,007,060
POLLI, FRIDA 3,006,640
POLLOCK, SAMUEL 3,006,532
PONTHIEU, MARINE 3,006,641
POORTE, RAIMO EDWIN GREGOR 3,006,784
POORTE, RAIMO EDWIN GREGOR 3,006,860
PORAS, HERVE 3,006,365
PORTZ, DANIELA 3,007,037
POULAKIS, IOANNIS 3,006,771
POULSEN, SVEN ERIK 3,006,626
POURDEHNAD, MICHAEL 3,006,758
POUYLLAU, HELIA 3,006,383
POWELL, JOSEPH BROUN 3,007,091
POWERS, MICHAEL 3,007,009
POWLEY, CHARLES R. 3,006,987
POZZI, FAUSTO 3,006,478
PRATTEN, PETER 3,006,597
PRECISION PLANTING LLC 3,006,778
PREGESBAUER, MICHAEL 3,006,582
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,005,899
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,007,084
PRESNYAK, VLADIMIR 3,007,108
PRESTERL, THOMAS 3,006,589
PRESTON, SHAUN 3,007,038
PRESZ, WALTER M., JR. 3,005,845
PRETZ, MATTHEW T. 3,006,497
PREVEDERE, INC. 3,006,988
PRICE, DANIEL W. 2,960,975
PRINOTH S.P.A. 3,006,455
PROKOP, ZBYNEK 3,006,388
PSIOXUS THERAPEUTICS LIMITED 3,006,859
PULNIKOV, ALEKSANDR 3,006,624
PURCELL, JAMES W. 3,006,596
PURCELL, JAMES W. 3,006,610
PURDY, CLAY 3,006,385
PYMETRICS, INC. 3,006,640
PYZIK, ALEKSANDER J. 3,006,723
QBD (QS-IP) LIMITED 3,006,415
QIU, LIXIA 3,006,389
QU, PETER QIANG 3,007,019
QUADE, NEIL P. 3,007,113
QUALCOMM INCORPORATED 3,006,583
QUALCOMM INCORPORATED 3,006,726
QUALCOMM INCORPORATED 3,007,083
QUAN, YING-SHU 3,006,706
QUICK CONNECTORS, INC. 3,007,099
QUINLAN, SEAN MICHAEL 2,994,550
QUINONES-GARCIA, IGOR 3,006,998
RABEL, MATTHIAS 3,006,647
RABEL, MATTHIAS 3,006,681
RADEMAKER, RIK 3,007,033
RAEPAK LIMITED 3,007,034
RAFI-NIKOUKHAH, HOMA 3,006,390
RAGHAVAN, NIRUPA 3,006,860
RAHDERT, DAVID A. 3,006,662
RAKSI, FERENC 3,006,548
RALSTON, TYLER S. 3,006,450
RAMSAY, TRAVIS ST. GEORGE 3,006,868
RANADE, KOUSTUBH 3,007,098
RANDER, PETER 3,006,661
RANEY, KYLE 3,006,782
RANGANATHAN, SATHISH KUMAR 3,007,120
RANTALA, ARI 3,006,491
RAO, YUANQIAO 3,006,723
RASHID, RUMANA 3,006,052
RASMUSSEN, JAN NORAGER 3,006,637
RATCHEV, PETAR 3,006,346
RAUTIO, TANIA 3,006,527
RAVI, KRISHNA 3,006,463
RAY, NEIL PADHARIA 3,006,874
RAYDIANT OXIMETRY, INC. 3,006,874
REAUX-LE GOAZIGO, ANNABELLE 3,006,365
REBACK, LARRY 3,006,773
REBACK, LARRY 3,006,776
REBOREDO LOSADA, OSCAR 3,007,112
RECHER, LUKAS 3,006,611
RECOMBINETICS, INC. 3,006,465
REDDY, B. RAGHAVA 3,006,454
REDDY, SANJEEVA P. 3,006,762
REED ELECTRONICS AG 3,006,794
REED, JODIE MICHELLE 3,007,061
REED, JODIE MICHELLE 3,007,081
REES, WILLIAM 3,007,098
REEVELL, TONY 3,006,512
REEVELL, TONY 3,007,035
REGENERON PHARMACEUTICALS, INC. 3,006,460
REGENTIS BIOMATERIALS LTD. 3,006,695
REGUEIRA, TORSTEN BAK 3,006,607
REID, STEPHEN 3,006,501
REILLY, MICHAEL 3,007,061
REILLY, MICHAEL 3,007,081
REIMANN, ILONA 3,006,921
REINER, MORGAN D. 3,006,493
REINHARDT, PAUL ANDREW 3,006,571
REMES, ANTTI 3,006,491
RENATA AG 3,006,486
RENAULT, NEIL 3,006,415
RENDONG, GUI 3,007,034
RENNKAMP, PATRICK MICHAEL 3,006,894
REPRO-MED SYSTEMS, INC. 3,006,590
RETTEDAL, NICHOLAS P. 3,006,981
REUTER, EIKE 3,007,134
REUTER, HARDY 3,006,340
REYNOLDS, JOHN M. 3,006,493
RICHARDSON, CELESTE 3,006,432
RICKETTS, NIKOLAUS MARTIN ERNEST WILHELM 3,006,602
RICOH COMPANY, LTD. 3,006,704
RIEGER, REINHOLD 3,006,843
RIETZ, LARS 3,006,788
RIGLEY, JACK 3,006,500
RITTER, GERD 3,006,963
RITTER, GERD 3,007,022
ROBB, ANDREW GORDON 3,006,415
ROBB, JANINE SCOTT 3,006,415
ROBBIE, GABRIEL 3,007,014
ROBBINS, KYLE 3,006,588
ROBERTS MOOSA, BRENDA LEE 3,007,149
ROBERTS, MADISON 3,007,103
ROBINSON, BRETT 3,007,080

ROBSON, DAVID COOPER 3,006,415
ROCHETTE, ETIENNE 3,006,603
RODWAY, GILES 3,007,044
ROEIN PEIKAR, SEYED MEHDI 3,006,766
ROELEN, WALTHERUS ANTONIUS HENDRIKUS 3,006,904
ROHDE, WOLFGANG 3,006,843
ROHM AND HAAS COMPANY 3,006,439
ROLLMANN, PAUL J. 3,006,729
ROMALIS, MICHAEL 3,006,993
ROMANO, ALFRED 3,006,970
RONDIN, JEROME 3,006,907
ROQUETTE FRERES 3,006,898
ROQUETTE FRERES 3,006,905
ROSEN, PER 3,006,406
ROSKA, BOTOND 3,006,952
ROSKI, JAMES P. 3,007,127
ROTH, ROBERT H. 2,960,975
ROTHE, CHRISTINE 3,006,914
ROTTEFELLA AS 3,006,717
ROWAN COMPANIES, INC. 3,006,734
ROYMANS, DIRK ANDRE E. 3,006,488
RUAG AMMOTEC AG 3,006,702
RUBOW, KENNETH L. 3,006,970
RUEMPLER, CHRISTIAN 3,006,729
RUHWALD, MORTEN 3,006,110
RUNGGALDIER, MARTIN 3,006,455
RUTTINGER, MATTHIAS 3,005,352
RYAN, DANIEL 3,006,349
RYCKMAN, DAVID M. 3,006,502
RYDELL, MARK ANDERS 3,006,739
SABBAHI, WESAM 3,006,245
SABIO, SERGE 3,007,039
SABIO, SERGE 3,007,041
SAELINGER, DANIEL 3,006,946
SAFRAN HELICOPTER ENGINES 3,006,485
SAGE, PETER T. 3,005,899
SAGISAKA, TOSHIYA 3,006,704
SAH, DINAH WEN-YEE 3,006,569
SAHANI, NILESH ARUN 3,006,770
SAHIN, UGUR 3,007,161
SAHLBERG, CHRISTER 3,006,866
SAINT-GOBAIN GLASS FRANCE 3,006,338
SAINT-GOBAIN GLASS FRANCE 3,006,339
SAINT-GOBAIN GLASS FRANCE 3,006,870
SAINT-GOBAIN GRASS FRANCE 3,006,612
SAINT-LOUP, RENE 3,006,898
SAINT-LOUP, RENE 3,006,905
SALEM, KAMALAKUMARI K. 3,007,127
SALK, JESSE J. 3,006,792
SALSICH, ANTHONY VAN BERGEN 3,006,592
SALT, GRAHAM ALEXANDER 3,006,942
SALURIALAM, RINA DIANA 3,006,954
SAM, JOHANNES 3,006,529
SAND, JORDAN 3,006,259
SANDBERG, KATI 3,006,634
SANDVIK INTELLECTUAL PROPERTY AB 3,006,375
SANG, JUNJIE JEFFREY 3,006,559
SANGALLI, MASSIMO 3,007,015
SANGANI, PIYUSH 3,007,051
SANOFI 3,006,689
SAPPI NETHERLANDS SERVICES B.V. 3,007,145
SARAYA, MOHAMED 3,006,586
SARMA, NARASIMHA 3,007,051
SARO, JOSE 3,006,529
SASANO, YUICHI 3,006,543
SATIJN, DAVID 3,007,031
SATO, YOSHIFUMI 3,006,539
SATTLER, MICHAEL 3,006,413
SAUDI ARABIAN OIL COMAPNY 3,006,454
SAUDI ARABIAN OIL COMPANY 3,007,204
SAUNDERS, BRIAN 3,007,038
SAVIRANTA, PERTTI 3,006,491
SAWHNEY, AMI 3,006,975
SAYGILI, ALI MURAT 3,007,057
SCA HYGIENE PRODUCTS AB 3,006,600
SCA HYGIENE PRODUCTS AB 3,007,054
SCHAD, JOHANNES 3,006,673
SCHAER, DAVID 3,006,963
SCHAER, DAVID 3,007,022
SCHAFBAUER, WOLFGANG 3,005,352
SCHALLER, CHRISTIAN 3,006,628
SCHECTER, STUART OWEN 3,007,104
SCHERNER, OLAF 3,007,131
SCHEUERMANN, DANIELA 3,006,589
SCHEURER, ELIZABETH 3,006,975
SCHIANO, JOHN 3,006,646
SCHIEBERLE, PETER 3,006,568
SCHINELLI, NICOLA 3,006,327
SCHLUMBERGER CANADA LIMITED 3,006,953
SCHMIDT, DANIEL 3,006,470
SCHMITT, KIRK D. 3,007,214
SCHMITT, MICHAEL W. 3,006,792
SCHMITZ, CHRISTIAN 3,006,624
SCHORPP, KARL KENJI 3,006,413
SCHOUENBORG, JENS 3,006,644
SCHUEBELER, DIRK 3,006,952
SCHULZ, VALENTIN 3,006,612
SCHUTT, ROBERT ALEC 3,006,484
SCHUURMAN, JANINE 3,007,031
SCHUURMAN, JANINE 3,007,033
SCHWARTZ, JONATHAN 3,006,496
SCHWIER, CHRIS E. 3,007,060
SEALFON, ANDREW I. 3,006,590
SEBAN, FREDERICK 3,006,642
SEBESTOVA, EVA 3,006,388
SEESTALLER-WEHR, LAURA M. 3,006,934
SEGURA, JOHN W. 3,007,096
SEIBERT, VOLKER 3,006,963
SEIBERT, VOLKER 3,007,022
SEITZ, THOMAS 3,006,838
SELA, GAL 3,002,268
SELANE PRODUCTS, INC. 3,006,757
SELNESS, SHAUN RAJ 3,007,111
SEMMELWEIS EGYETEM 3,006,360
SEN, ASHISH 3,007,060
SENHWA BIOSCIENCES, INC. 3,006,502
SENNA, JOSH 3,006,459
SENSOR (UK) LTD 3,006,561
SENTINEL CONNECTOR SYSTEMS, INC. 3,007,080
SEPPANEN, MARI 3,006,527
SERACARE LIFE SCIENCES, INC. 3,006,464
SERACARE LIFE SCIENCES, INC. 3,007,056
SERATE, DUANE GO 3,006,950
SERES THERAPEUTICS, INC. 3,006,380
SERRE, GILLES 3,006,873
SETHURAMAN, VASU 3,006,746
SEWELL, FREDERIC D. 3,006,435
SEYDOUX, LAURENT 3,006,602
SHACHAF, YONATAN 3,006,695
SHAH, ARPAN KIRITBHAI 3,007,051
SHAH, KALPANA 3,006,462
SHAHANI, RAVI 3,006,346
SHANGHAI AEON BIOTECH CO., LTD. 3,007,110
SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD. 3,006,683
SHAO, YUANLONG 3,006,997
SHAPESHIFT AG 3,006,495
SHARMA, AMRISH 3,006,769
SHARP KABUSHIKI KAISHA 3,006,803
SHARPE, ARLENE H. 3,005,899
SHAVER, SAMMY R. 3,006,469
SHEHU, ERALD 3,006,917
SHELDON, DANIEL THOMAS 3,006,328
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,006,503
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,006,508
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,006,784
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,006,860
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,006,863
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,007,091
SHEN, JUN 3,006,572
SHEN, PEIHUA 3,006,869
SHEN, XIAONING 3,007,021
SHEN, XINYU 3,006,991
SHEN, XINYU 3,007,103
SHEN, ZHEN 3,006,389
SHERMAN, ETHAN G. 3,006,565
SHI, JIYE 3,006,677
SHI, MANYING 3,006,507
SHIBATA, YUSUKE 3,006,709
SHIGETA, KAZUYO 3,007,071

SHIMONO, KODAI 3,006,425
SHINDO, KENTARO 3,006,713
SHINODA, MASATO 3,006,704
SHINOZAKI, GEN 3,006,968
SHIRE HUMAN GENETIC THERAPIES, INC. 3,005,906
SHISHKOV, IGOR 3,006,843
SHOAMANESH, ALIREZA 3,006,500
SHUFFLE MASTER GMBH & CO KG 3,006,633
SICPA HOLDING SA 3,006,540
SIEMENS AKTIENGESELLSCHAFT 3,006,608
SIEMENS AKTIENGESELLSCHAFT 3,006,961
SIEMENS AKTIENGESELLSCHAFT 3,007,134
SIGLI, CHRISTOPHE 3,006,871
SIKA TECHNOLOGY AG 3,006,685
SIKRORIA, SHIVAM 3,007,049
SILLE, RICHARD 3,006,608
SILVESTRINI, PATRICK CHARLES 3,007,029
SIMAKOV, DMITRIJ ALEKSANDROVICH 2,997,724
SIMON, RAZ 3,006,695
SIMPSON, CAROLINA NICOLE 3,006,477
SINGAL, KALPESH 3,006,978
SINGH, HARDEEP 3,006,882
SINGH, SURINDER 3,006,500
SIRIPURAPU, SRINIVAS 3,007,120
SISKIN, MICHAEL 3,006,736
SISODIYA, VIKRAM NATWARSINHJI 3,006,738
SISTEMAS TECNICOS Y MONTAJES, S.L. 3,006,923
SIVARAMAKRISHNAM, SHYAM 3,006,978
SKY-LINE CRANES & TECHNOLOGIES LTD. 3,007,172
SLUTI, ANNE 3,007,009
SMART AUTO LABS INC. 3,007,049
SMARTVISTA, LLC 3,006,466
SMITH, ALLAN 3,007,137
SMITH, ERIC L. 3,007,115
SMITH, GEORGE A. 3,006,623
SMITH, GINA M. 2,998,583
SMITH, ROGER ASTBURY 3,006,762
SMITHS MEDICAL ASD, INC. 3,007,194
SMITHSON, SUZY 3,007,149
SNYDER, KEITH E. 3,007,079
SODE, KATSUYA 3,006,426
SODO, DIEGO 3,006,449
SOLANKI, SANJAY C. 3,006,723
SOLIS MARQUEZ, OSCAR 3,007,004
SOLOMON, KEVIN 3,006,972
SOMAN, STEPHEN ELLIOTT 3,002,268
SOMANI, HANIFF 2,994,550
SOMERVILLE-ROBERTS, NIGEL PATRICK 3,006,598
SOMMERFELD, MARK 3,006,689
SOMPEL, ARIELLA VAN DE 3,006,398
SONG, YOUNG KYU 3,007,083
SOONG, CHEE-LEONG 3,007,103
SORENSEN, BENNY 3,007,014
SOUTER, PHILIP FRANK 3,006,598
SOZZI ARREDAMENTI S.R.L. 3,006,478
SOZZI, PAOLO 3,006,478
SPAANDER, ADRIAAN 3,006,863
SPADONI, LUCIANO 3,006,223
SPARICA, GORAN 3,006,601
SPATZ, PETER 3,006,702
SPECTRUM BRANDS, INC. 3,006,765
SPENCER, GARY 3,006,694
SPIECKER, P. MATTHEW 3,007,078
SPIECKER, P., MATTHEW 3,007,059
SPINETIC ENERGY LIMITED 3,007,044
SPRAGGON, GLEN 3,006,477
SQUIRES, RYAN A. 3,007,191
SRIMOHANARAJAH, KIRUSHA 3,002,268
ST REPRODUCTIVE TECHNOLOGIES, LLC 3,006,981
ST. GERMAIN, BRIAN 3,006,989
STACHOWITZ, FRANK 3,006,551
STALLINGS, JEANNE L. 3,007,188
STAMM, ARMIN 3,006,791
STANTON, DAVID THOMAS 3,007,061
STANTON, DAVID THOMAS 3,007,081
STATENS SERUM INSTITUT 3,006,110
STCUBE & CO., INC. 3,006,769
STEBBINS, JEFFREY, WILLIAM 3,006,618
STEELE, JAMES 3,006,970
STEFANONI, ROBERTO 3,007,109
STEINMETZ, BERNHARD 3,006,340
STELZER, TORSTEN 3,007,047
STENZEL, SERGEJ 3,006,693
STEPANKOVA, VERONIKA 3,006,388
STEPHAN, WALTER 3,006,815
STERN, DAVID 3,006,867
STEVENS, JENNITTE LEANN 3,006,052
STEWART, MORAG 3,006,432
STICE, STEVEN L. 3,004,450
STICE, TRACY A. 3,004,450
STIEFEL, NIKLAUS 3,006,693
STINSON, SUSANNA Y. 3,006,772
STOLL, MATT 3,006,975
STOLLER, ANDRE 3,006,911
STRABLE, ERICA L. 3,006,069
STRAHLER, CHRISTIE LYNN 3,006,775
STRANDQVIST, MIKAEL 3,006,600
STREICHER, KATIE 3,007,098
STRUMANE, KRISTIN 3,007,031
STRUMANE, KRISTIN 3,007,033
STUART, SARAH 3,006,985
STULL, ROBERT A. 3,006,738
STYLE DOTS LLC 2,998,583
SU, HUI 2,997,155
SU, YANG 3,006,759
SUDMANN, DAVID 3,006,647
SUGAHARA, TORU 3,006,426
SUGINO, MASAAKI 3,006,937
SUITER, THOMAS P. 3,006,735
SULLIVAN, ERIC 3,006,617
SUMMA HEALTH 3,007,055
SUN PHARMACEUTICAL INDUSTRIES LIMITED 3,006,537
SUN, GANGWEI 3,007,012
SUN, PIAOYANG 3,006,683
SUN, RUI 3,006,397
SUNAHARA, TETSUYA 3,006,426
SUNDBERG, KARL ANDERS ARNE 3,006,631
SUNDERLAND, GARY 3,006,437
SUONTAKA, VILLE 3,006,491
SURACE, MICHAEL JOSEPH 3,006,769
SUZUKI, KENJI 3,006,713
SVEJE, KRISTINE METTE 3,006,448
SVENDSEN, OYVAR 3,006,717
SWELLFIX UK LIMITED 3,006,422
SWISHER, DAVID RORK 3,006,879
SYMAP MEDICAL (SUZHOU), LTD 3,006,427
SYNAPTIVE MEDICAL (BARBADOS) INC. 3,002,268
SYNGENTA PARTICIPATIONS AG 3,006,911
SYNGENTA PARTICIPATIONS AG 3,007,016
SYNGRAFII INC. 3,006,899
SYNOWIEC, KATARZYNA 3,006,752
SZEKERES, JULIA 3,006,360
SZOSTEK, BOGDAN 3,006,987
TABASSO, ALAIN 3,006,602
TAHERI, FARID 3,006,619
TAI, CHANGFENG 3,006,451
TAIHO PHARMACEUTICAL CO., LTD. 3,006,434
TAIPALE, SEPPO 3,006,527
TAKACS, LASZLO 3,007,160
TAKADA, KENICHI 3,006,492
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